

# CAMBRIDGE UNIVERSITY REPORTER

No 6402

WEDNESDAY 4 NOVEMBER 2015

VOL CXLVI No 7

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UNIVERSITY OF  
CAMBRIDGE

**NOTICES****Calendar**

- 8 November, *Sunday*. Remembrance Sunday.  
 9 November, *Monday*. Michaelmas Term divides.  
 10 November, *Tuesday*. Discussion at 2 p.m. in the Senate-House (see below).

**Discussions (at 2 p.m.)**

10 November  
 24 November  
 8 December

**Congregations**

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

**Notice of a Discussion on Tuesday, 10 November 2015**

The Vice-Chancellor invites those qualified under the regulations for Discussions (*Statutes and Ordinances*, p. 107) to attend a Discussion in the Senate-House on Tuesday, 10 November 2015, at 2 p.m. for the discussion of:

1. Second-stage Report of the Council, dated 27 October 2015, on the construction of a Chemistry of Health Centre for the Department of Chemistry (*Reporter*, 6401, 2015–16, p. 71).

**Elections to the Nominating Committee for External Members of the Council and to the Board of Scrutiny**

2 November 2015

The University is reminded that nominations for the election of members to the following bodies must be received by **12 noon on Friday, 13 November 2015**:

*Nominating Committee for External Members of the Council*

- (i) two members in class (c) (members elected by the Regent House from among those who at the time of election are current members of Council in classes (a), (b), and (c)), one to serve for four years from 1 October 2015 and one, to fill a casual vacancy, to serve with immediate effect until 30 September 2017;
- (ii) one member in class (d) (members of the Senate elected by the Regent House), to serve for four years from 1 October 2015.

*Board of Scrutiny*

- (a) two vacancies in class (c)(ii) (members of the Regent House), to serve for four years from 1 October 2015;
- (b) one casual vacancy in class (c)(i), for one person who has been a member of the Regent House for not more than ten years on 1 October 2016, to serve with immediate effect until 1 October 2017.

Details on the nomination process and ballot timetable were published in the Notice of 7 October 2015 (*Reporter*, 6398, 2015–16, p. 25).

**Election of a member of the Council's Finance Committee in class (b)**

2 November 2015

A vacancy will arise on the Council's Finance Committee for a member of the Regent House, elected by representatives of the Colleges, to serve for three years from 1 January 2016.

The election is conducted in accordance with the Single Transferable Vote regulations. Voting is by postal ballot.

Nominations should be made in writing to the Head of the Registry's Office, University Offices, The Old Schools, Cambridge, CB2 1TN, and must include a statement by the person nominated that he or she is willing to serve on the Finance Committee. Nominations and statements should be made by **12 noon on Monday, 23 November 2015**. Nominations should be supported by the signatures of two members of the Regent House.

If a ballot is necessary, papers will be dispatched by Thursday, 3 December 2015, for return by 12 noon on Monday, 14 December 2015.

## Teaching and Learning Innovation Fund, 2015–16

The Digital Teaching and Learning Sub-committee, formerly the Teaching and Learning Services Steering Group, is pleased to announce that the Teaching and Learning Innovation Fund is available to assist with grants for the purpose of implementing innovative practice in any area of learning and teaching provision. The fund has been developed specifically to provide start-up funding for creative or exploratory projects ineligible for other sources of funding; bids should focus on new approaches or initiatives that enhance learning and teaching. The Sub-committee expects to be able to support up to ten projects in 2015–16.

Any innovative project will be considered and need not necessarily be IT-focussed; however, bids in support of developing digital learning are particularly welcome. Requests for funding primarily or solely for the purchase of equipment will not be accepted.

Application forms and examples of successful bids are available at: <http://www.teachingsupport.cam.ac.uk/teaching-and-learning-innovation-fund>. Note that normally grants will be between £10,000–£20,000 but exceptionally requests for smaller grants will be considered.

Successful applicants will report back to the Sub-committee within a year of funds being allocated, including evaluation of the project's success. Projects should therefore be realistic and take these time constraints into account when submitting a bid. Successful applicants may be asked to participate in a teaching and learning best practice event in September 2016.

Application forms should be submitted to Melissa Rielly, Educational and Student Policy, Academic Division, 17 Mill Lane, Cambridge (email: [melissa.rielly@admin.cam.ac.uk](mailto:melissa.rielly@admin.cam.ac.uk)), by Friday, 22 January 2016.

## VACANCIES, APPOINTMENTS, ETC.

### Electors to the Plumian Professorship of Astronomy and Experimental Philosophy

The Council has appointed members of the *ad hoc* Board of Electors to the Plumian Professorship of Astronomy and Experimental Philosophy as follows:

Professor Jeremy Sanders, *SE*, in the Chair, as the Vice-Chancellor's deputy

(a) *on the nomination of the Council*

Professor Robert Maiolino

Professor Simon White, *Max Planck Institut für Astrophysik*

(b) *on the nomination of the General Board*

Professor Catherine Clarke, *CL*

Professor Lindsay Greer, *SID*

Professor Fiona Harrison, *California Institute of Technology*

(c) *on the nomination of the Faculty Board of Physics and Chemistry*

Professor Andrew Fabian, *DAR*

Professor Richard McMahon, *CLH*

Professor Michael Shull, *University of Colorado at Boulder*

### Electors to the Professorship of Education

The Council has appointed members of the *ad hoc* Board of Electors to the Professorship of Education as follows:

Professor Graham Virgo, *DOW*, in the Chair, as the Vice-Chancellor's deputy

(a) *on the nomination of the Council*

Professor Jackie Scott, *Q*

Professor Judy Sebba, *University of Oxford*

(b) *on the nomination of the General Board*

Professor Philip Allmendinger, *CL*

Professor Susan Robertson, *University of Bristol*

Professor Jan Vermunt, *W*

(c) *on the nomination of the Faculty Board of Education*

Professor Anne Edwards, *University of Oxford*

Professor Geoffrey Hayward

Professor Anna Vignoles, *JE*

## Electors to the Professorship of Experimental Psychology (1931)

The Council has appointed members of the *ad hoc* Board of Electors to the Professorship of Experimental Psychology (1931) as follows:

Professor Duncan Maskell, *W*, in the Chair, as the Vice-Chancellor's deputy

(a) *on the nomination of the Council*

Professor Abigail Fowden, *G*

Professor Daniel Wolpert, *T*

(b) *on the nomination of the General Board*

Professor Carol Barnes, *University of Arizona*

Professor David Poeppe, *New York University*

Dr Jon Simons, *EM*

(c) *on the nomination of the Faculty Board of Biology*

Professor Nicky Clayton, *CL*

Professor Susan Golombok, *N*

Professor Antony Manstead, *University of Cardiff*

## Vacancies in the University

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

**Professorship of Respiratory Science in the Department of Medicine**; informal enquiries: Professor Edwin Chilvers (email: [erc24@cam.ac.uk](mailto:erc24@cam.ac.uk), tel.: 01223 762007); closing date: 30 November 2015; further particulars: <http://www.jobs.cam.ac.uk/job/8543/>; quote reference: RC07475

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

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

## EVENTS, COURSES, ETC.

### Announcement of lectures, seminars, etc.

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

The What's On website (<http://www.admin.cam.ac.uk/whats-on/>) 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>African Archaeology Group</i>	The John Alexander Seminar Series 2015–16: <i>Eland blood and ochre: recent advances in pigment analysis and interpretation in southern African rock art</i> , by Professor David Pearce, on 9 November 2015 at 4.30 p.m., in the Division of Archaeology, South Lecture Room, Downing site	<a href="http://www.mcdonald.cam.ac.uk/events/african-seminars">http://www.mcdonald.cam.ac.uk/events/african-seminars</a>
<i>Mongolia and Inner Asia Studies Unit</i>	<i>Rules and proverbs: legalism, metaphor, and oratory in Eastern Tibet</i> , by Fernanda Pirie, on 10 November 2015 at 4.30 p.m., in the Seminar room, The Mond Building, Free School Lane	<a href="http://innerasiaresearch.org/">http://innerasiaresearch.org/</a>

## NOTICES BY THE GENERAL BOARD

### Melville Laboratory for Polymer Synthesis

The General Board have amended the membership of the Committee of Management for the Melville Laboratory for Polymer Synthesis and the Appointments Committee for the Director of the Laboratory by removing the Director of Industrial Liaison, as that office no longer exists. The regulations for the Laboratory (*Statutes and Ordinances*, p. 639) have been amended accordingly.

## REGULATIONS FOR EXAMINATIONS

### Law Tripos

(*Statutes and Ordinances*, p. 346)

#### With immediate effect

The General Board, on the recommendation of the Faculty Board of Law, have approved amendments to the regulations with respect to Paper 23 and to remove reference to class participation in so far as it relates to the role of Examiners and Assessors.

Regulation 15.

By amending the regulation concerning Paper 23 so as to read:

- Paper 23. Criminology, sentencing, and the penal system (also serves as Paper SOC15 of the Human, Social, and Political Sciences Tripos, and as optional Paper CR1 of the Psychology and Behavioural Sciences Tripos).

Regulation 19.

By removing the words ‘that participation and’ from the following part of the regulation: ‘and for assessing that participation and the essay submitted in connection with the course, shall be as follows:’.

By removing ‘and performance in class’ from the end of Regulation 19(e), so that the regulation now finishes with the words ‘based upon the assessment of the candidate’s essay’.

The Faculty Board of Law are satisfied that no candidate’s preparation for the examination will be affected by the above amendments.

### Examination for the degree of Master of Corporate Law

(*Statutes and Ordinances*, p. 440)

#### With immediate effect

The General Board, on the recommendation of the Faculty Board of Law, have approved an amendment to Regulation 6(b), concerning coursework, so as to read:

- Such coursework as may be prescribed by the Faculty Board from time to time (this may include student presentations and class participation).

The Faculty Board of Law are satisfied that no candidate’s preparation for the examination will be affected by the above amendment.

### Examination in Criminological Research for the M.Phil. Degree

(*Statutes and Ordinances*, p. 486)

#### With immediate effect

The General Board, on the recommendation of the of Degree Committee for the Faculty of Law, have approved an amendment to the regulations so as to correct an error concerning the overall thesis word count and the inclusion of appendices.

Regulation 1.

By amending Regulation 1(e) so as to read:

- (e) a thesis of not more than 18,000 words, including footnotes or endnotes, but excluding appendices and bibliographical references, on a criminological topic approved by the Degree Committee for the Faculty of Law.

Regulation 2.

By amending Regulation 2(d) so as to read:

- (d) a thesis of not more than 35,000 words, including footnotes or endnotes, but excluding appendices and bibliographical references, on a criminological topic approved by the Degree Committee for the Faculty of Law.

## **Examination in Criminology for the M.Phil. Degree**

*(Statutes and Ordinances, p. 487)*

### **With immediate effect**

The General Board, on the recommendation of the of Degree Committee for the Faculty of Law, have approved an amendment to the regulations so as to correct an error concerning the overall thesis word count and the inclusion of appendices.

By amending Regulation (*d*) so as to read:

- (*d*) a thesis of 15,000 to 18,000 words, including footnotes or endnotes, but excluding appendices and bibliographical references, on a criminological topic approved by the Degree Committee for the Faculty of Law.

## **Examination in Applied Criminology and Police Management for the M.St. Degree**

*(Statutes and Ordinances, p. 523)*

### **With immediate effect**

The General Board, on the recommendation of the of Degree Committee for the Faculty of Law, have approved an amendment to the regulations so as to correct an error concerning the overall thesis word count and the inclusion of appendices.

Regulation 1.

By amending Regulation 1(*d*) so as to read:

- (*d*) a thesis of not more than 18,000 words in length, including footnotes or endnotes, but excluding appendices and bibliographical references, on a subject proposed by the candidate and approved by the Degree Committee for the Faculty of Law.

## **Examination in Applied Criminology, Penology, and Management for the M.St. Degree**

*(Statutes and Ordinances, p. 523)*

### **With immediate effect**

The General Board, on the recommendation of the Degree Committee for the Faculty of Law, have approved an amendment to the regulations so as to correct an error concerning the overall thesis word count and the inclusion of appendices.

Regulation 1.

By amending Regulation 1(*c*) so as to read:

- (*c*) a thesis of not more than 18,000 words in length, including footnotes or endnotes, but excluding appendices and bibliographical references, on a subject proposed by the candidate and approved by the Degree Committee for the Faculty of Law.

## **NOTICES BY FACULTY BOARDS, ETC.**

### **Annual meetings of the Faculties**

#### *Biology*

The Chair of the Faculty Board of Biology gives notice that the Annual Meeting of the Faculty will be held at 2 p.m. on Wednesday, 18 November 2015, in the Faculty Office, 17 Mill Lane. The main business is to elect three members of the Faculty Board in class (*c*) in accordance with Regulation 1 of the General Regulations for the Constitution of the Faculty Boards (*Statutes and Ordinances, p. 570*) via a procedure approved by the Faculty by which one of those elected is nominated by the Department of Physiology, Development, and Neuroscience, one by the Department of Plant Sciences, and one by the Department of Zoology, to serve from 1 January 2016 to 31 December 2019.

Nominations, for which the consent of the candidate must be obtained, signed by the proposer and seconder, together with notice of any other business, should be sent to the Secretary, Dr Fiona Russell, Faculty of Biology, 17 Mill Lane, Cambridge, CB2 1RX, to arrive not later than 12 noon on Monday, 9 November 2015. Copies of the Agenda will be posted in Departments in the Faculty.

*Computer Science and Technology*

The Chair of the Faculty Board of Computer Science and Technology gives notice that the Teaching Conference and Annual Meeting of the Faculty will be held at 2.15 p.m. on Tuesday, 17 November 2015, in Lecture Theatre 1 of the William Gates Building, JJ Thomson Avenue. All members of the Faculty are invited to attend.

*Earth Sciences and Geography*

The Chair of the Faculty Board of Earth Sciences and Geography gives notice that the Annual Meeting of the Faculty will be held at 2.15 p.m. on Tuesday, 17 November 2015, in the Seminar Room, Department of Geography, Downing Place. The business will be the election, in accordance with Regulation 1 of the General Regulations for the Constitution of the Faculty Boards (*Statutes and Ordinances*, p. 570), of three members of the Board in class (c) to serve for four years, and two members for one year, from 1 January 2016.

Nominations for the election and notice of any other business should reach the Secretary of the Faculty Board (email: secretary@esg.cam.ac.uk) not later than 13 November 2015.

*Human, Social, and Political Science*

The Chair of the Faculty Board of Human, Social, and Political Science gives notice that the Annual Meeting of the Faculty will be held at 1 p.m. on Thursday, 19 November 2015, in the Seminar Room of the McDonald Institute for Archaeological Research, Downing Street. The main business will be the election of five members of the Faculty Board in class (c), in accordance with the General Regulations for the Constitution of the Faculty Boards (*Statutes and Ordinances*, p. 570).

Nominations, signed by the proposer and seconder, for which the consent of the candidate must be obtained, should reach the Secretary of the Faculty Board (Ms Jane Fisher-Hunt; email: fjh24@cam.ac.uk) not later than lunchtime on Thursday, 12 November 2015. Notice of any other business should reach the Secretary by the same date.

*Mathematics*

The Chair of the Faculty Board of Mathematics gives notice that the Annual Meeting of the Faculty will be held at 2.15 p.m. on Thursday, 19 November 2015, in Meeting Room 5, Pavilion A of the Centre for Mathematical Sciences. Business will include the election, in accordance with Regulation 1 of the General Regulations for the Constitution of the Faculty Boards (*Statutes and Ordinances*, p. 570), of three members in class (c) to serve from 1 January 2016 for four years; nominations for these elections should reach the Secretary of the Faculty Board of Mathematics, Room B1.30, Centre for Mathematical Sciences, Wilberforce Road, not later than 12 noon on Thursday, 12 November 2015.

## **Natural Sciences Tripos, Part III (Astrophysics) and Master of Advanced Studies in Astrophysics, 2015–16**

The Director of the Institute of Astronomy gives notice that the following courses will be available for examination in 2016:

*Three-unit lecture courses*

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

- |      |  |
|------|--|
| 301. | Quantum field theory                           |
| 309. | General relativity                             |
| 310. | Cosmology                                      |
| 311. | Black holes                                    |
| 312. | Advanced cosmology                             |
| 314. | Astrophysical fluid dynamics                   |
| 315. | Extrasolar planets – atmospheres and interiors |
| 316. | Planetary system dynamics                      |
| 317. | Structure and evolution of stars               |
| 320. | Galactic astronomy and dynamics                |

*Two-unit lecture courses*

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

- |      |                                      |
|------|--------------------------------------|
| 318. | Magnetohydrodynamics                 |
| 319. | The origin and evolution of galaxies |
| 321. | Dynamics of astrophysical discs      |
| 322. | Binary stars                         |

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

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



*One-unit lecture courses*

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

Paper 2/PA. Particle astrophysics

Paper 2/FOA. Frontiers of observational astrophysics

It is recommended that candidates take the equivalent of four 3-unit lecture courses. At least nine units should be selected from the recommended list of courses above. Up to three units may be chosen freely from Part III of the Mathematical Tripos (and need not be relevant to astrophysics), or the allowed list of courses from Part III Physics in the Natural Sciences Tripos, or a mixture of both. The courses offered in Part III of the Mathematical Tripos vary from year to year and may be found in their lecture listing at <http://www.maths.cam.ac.uk/lecturelists/PartIIIWeb.pdf>. The allowed courses from Part III Physics may be found at [http://www.ast.cam.ac.uk/students/undergrad/part\\_iii/lectures/](http://www.ast.cam.ac.uk/students/undergrad/part_iii/lectures/). Students may be examined in up to a maximum of 15 units in addition to their compulsory project. Students should consult the Part III Course Co-ordinator for guidance about choice of courses.

## Psychological and Behavioural Sciences Tripos, 2015–16

The Committee of Management of the Psychological and Behavioural Sciences Tripos give notice of the following optional papers which are offered for Part I, Part IIA, and Part IIB of the Psychological and Behavioural Sciences Tripos in the academical year 2015–16.

### PART I

#### Section B

- ARC 1. The development of human society (HSPS Tripos, Part I)
- BAN 1. Humans in biological perspective (HSPS Tripos, Part I)
- CS 1. Introduction to computer science (Computer Science Tripos, Part IA)
- EC 1. Economics (Land Economy Tripos, Part I) ‡
- ED 2. Language, communication, and literacy (Education Tripos, Prelim to Part I) ‡
- NS 1. Evolution and behaviour (Natural Sciences Tripos, Part IA)
- PHIL 1. Metaphysics (Philosophy Tripos, Part IA) † ‡
- PHIL 2. Ethics and political philosophy (Philosophy Tripos, Part IA) † ‡
- PHIL 3. Logic (Philosophy Tripos, Part IA) † ‡
- POL 1. Analysis of politics (HSPS Tripos, Part I)
- SAN 1. Human societies: the comparative perspective (HSPS Tripos, Part I)
- SOC 1. Modern societies I: introduction to sociology (HSPS Tripos, Part I)

† Two papers from the selection of PHIL 1, PHIL 2, and PHIL 3 must be offered together.

‡ This paper may not be offered, due to a limited capacity.

### PART IIA

- BAN 2. Behavioural ecology (HSPS Tripos, Part IIA)
- BAN 3. Human origins (HSPS Tripos, Part IIA)
- BAN 4. Health and disease (HSPS Tripos, Part IIA)
- ED 3. Modernity, globalization, and education (Education Tripos, Part I and Prelim to Part II) \*
- HPS 1. History of science (Natural Sciences Tripos, Part IB) †
- HPS 2. Philosophy of science (Natural Sciences Tripos, Part IB) †
- NS 2. Neurobiology (Natural Sciences Tripos, Part IB. Assessed by exam paper NST1 NB/1 only) \*
- PHIL 4. Metaphysics and epistemology (Philosophy Tripos, Part IB) \* ‡
- PHIL 5. Logic (Philosophy Tripos, Part IB) \* ‡
- PHIL 6. Ethics (Philosophy Tripos, Part IB) \* ‡
- SAN 9. Science and society (HSPS Tripos, Part IIA)
- SOC 2. Social theory (HSPS Tripos, Part IIA)
- SOC 3. Modern societies II (HSPS Tripos, Part IIA)

\* This paper may not be offered, due to a limited capacity.

† HPS 1 and HPS 2 cannot be offered together.

‡ Two papers from the selection of PHIL 4, PHIL 5, and PHIL 6 must be offered together.



## PART IIB

BAN 6.	Plasticity and adaptation (HSPS Tripos, Part IIB)
BAN 7.	Advanced behaviour (HSPS Tripos, Part IIB)
CR 1.	Criminology, sentencing, and the penal system (Law Tripos, Part IIA and Part IIB)
ED 4.	The psychology of education (Education Tripos, Part II) *
HPS 3.	Modern medicine and biomedical sciences (Natural Sciences Tripos, Part II) †
HPS 4.	History and philosophy of the human and behavioural sciences (Natural Sciences Tripos, Part II) †
LI 15.	First and second language acquisition (Linguistics Tripos, Part IIA and Part IIB) *
LI 16.	Language processing and learning (Linguistics Tripos, Part IIA and Part IIB) *
PHIL 7.	Metaphysics (Philosophy Tripos, Part II) * ‡
PHIL 8.	Philosophy of mind (Philosophy Tripos, Part II) * ‡
PHIL 9.	Ethics (Philosophy Tripos, Part II) * ‡
SOC 7.	Media, culture, and society (HSPS Tripos, Part IIB)
SOC 11.	Racism, race, and ethnicity (HSPS Tripos, Part IIB)
SOC 13.	Medicine, body, and society (HSPS Tripos, Part IIB)

\* This paper may not be offered, due to a limited capacity.

† HPS 3 and HPS 4 cannot be offered together.

‡ Two papers from the selection of PHIL 7, PHIL 8, and PHIL 9 must be offered together.

## Examination in Development Studies for the M.Phil. Degree, 2015–16

The Centre of Development Studies give notice that in the academical year 2015–16 the subjects for the examination in Development Studies for the M.Phil. Degree will be as follows:

### *Group 1*

- 1 Development economics: to be examined by means of one 4,000-word essay and one two-hour examination.
- 2 Institutions and development: to be examined by means of one 4,000-word essay and one two-hour examination.
- 3 Sociology and politics of development: to be examined by means of one 4,000-word essay and one two-hour examination.
- 4 Globalization, business, and development: to be examined by means of one 4,000-word essay and one two-hour examination.
- 5 Cities and development: to be examined by means of one 4,000-word essay and one two-hour examination.

### *Group 2: full subjects*

- 13 Financial organization and economic growth: to be examined by means of two 4,000-word essays.
- 14 Philosophical issues in economic development: to be examined by means of two 4,000-word essays.
- 30 Justice and development: to be examined by means of two 5,000-word essays.
- 31 Trans-national criminal justice: to be examined by means of two 5,000-word essays.
- 34 The comparative development of India and China: to be examined by means of two 5,000-word essays.
- 43 Development issues in Sub-Saharan Africa: to be examined by means of two 5,000-word essays.
- 50 Economic issues of contemporary Latin America: to be examined by means of two 5,000-word essays.
- 400 The development of Central Asia and Caucasus: to be examined by means of two 5,000-word essays.

### *Group 2: half subjects*

- 380 Migration and development: to be examined by means of one 5,000-word essay.
- 500 The development of Southeast Asia: to be examined by means of one 5,000-word essay.
- 600 Food, agriculture, and development: to be examined by means of one 5,000-word essay.
- 700 Latin America: human development challenges: to be examined by means of one 5,000-word essay.
- 800 Anthropology in development: to be examined by means of one 5,000-word essay.
- 900 Humanitarianism and development: to be examined by means of one 5,000-word essay.
- Half-papers from the M.Phil. in Planning, Growth, and Regeneration (Land Economy) subject to the approval of the Department of Land Economy and the Course Director of the M.Phil. in Development Studies.

In place of one full subject or two half subjects in Group 2, a candidate may offer a dissertation.

The Centre of Development Studies give notice that options in Group 2 may be added to or removed from the above list by the end of Michaelmas Term 2015. A further Notice will be issued if any such changes are made.

## Second Veterinary M.B. Examination

(*Statutes and Ordinances*, p. 535)

### With immediate effect

The Faculty Board of Veterinary Medicine give notice of a change to the supplementary regulations for the Second Veterinary M.B. Examination.

### SUPPLEMENTARY REGULATIONS

By replacing the regulation for the examination in Homeostasis with the following:

#### *Homeostasis (HOM)*

Section I will contain computer-marked and/or short-answer questions on topics covered in the Homeostasis course. Section II will contain questions relating to the experimental physiology and histology classes.

The Faculty Board are satisfied that no candidate for the examination in 2015–16 will be adversely affected by this change.

## FORM AND CONDUCT OF EXAMINATIONS, 2016

Notices by Faculty Boards, or other bodies concerned, of changes to the form and conduct of certain examinations to be held in 2016, by comparison with those examinations in 2015, are published below. Complete details of the form and conduct of all examinations are available from the Faculties or Departments concerned.

### Examination in Micro- and Nanotechnology Enterprise for the M.Phil. Degree, 2016

The Faculty Board of Physics and Chemistry give notice that, with effect from the examinations to be held in 2016, the form of the examination for the following papers for the examination in Micro- and Nanotechnology Enterprise will be changed as follows:

#### Paper 1

Courses on Nanocharacterization (NE.01), Nanofabrication (NE.04), Nanochemistry (NE.06), Nanoelectrochemistry (NE.09), and Energy harvesting (NE.10) will be examined in Paper 1.

#### Paper 2

Courses on Nanomaterials (NE.05), Physics at the nanoscale (NE.07), Bionanotechnology (NE.08), and Nano self-assembly (NE.11) will be examined in Paper 2.

Full details of the examination can be obtained in the course handbook, copies of which are available at [http://www.msm.cam.ac.uk/teaching/mphil/mphil\\_nanoent\\_handbook.pdf](http://www.msm.cam.ac.uk/teaching/mphil/mphil_nanoent_handbook.pdf).

## GRACES

### Graces submitted to the Regent House on 4 November 2015

The Council submits the following Graces to the Regent House. These Graces, unless they are withdrawn or a ballot is requested in accordance with the regulations for Graces of the Regent House (*Statutes and Ordinances*, p. 111), will be deemed to have been approved at 4 p.m. on Friday, 13 November 2015.

1. That the recommendations in paragraph 6 of the Report of the Council, dated 13 October 2015, on works to improve access to the ground floor of the Old Schools (*Reporter*, 6399, 2015–16, p. 40) be approved.
2. That the recommendations in paragraph 10 of the Report of the General Board, dated 7 October 2015, on the introduction of an Archaeology Tripos (*Reporter*, 6399, 2015–16, p. 43) be approved.<sup>1</sup>

<sup>1</sup> The General Board note the remarks made in support of this Report by the speakers at the Discussion on 27 October 2015 (see p. 112).

**ACTA**

**Graces submitted to the Regent House on 21 October 2015**

The Graces submitted to the Regent House on 21 October 2015 (*Reporter*, 6400, 2015–16, p. 57) were approved at 4 p.m. on Friday, 30 October 2015.

J. W. NICHOLLS, *Registrar*

**END OF THE OFFICIAL PART OF THE ‘REPORTER’**

## REPORT OF DISCUSSION

### Tuesday, 27 October 2015

A Discussion was held in the Senate-House. Deputy Vice-Chancellor Professor John Spencer was presiding, with the Registry's Deputy, the Junior Proctor, the Junior Pro-Proctor, and ten other persons present.

The following Reports were discussed:

***Report of the Council, dated 13 October 2015, on works to improve access to the ground floor of the Old Schools*** (*Reporter*, 6399, 2015–16, p. 40).

No remarks were made on this report.

***Report of the General Board, dated 7 October 2015, on the introduction of an Archaeology Tripos*** (*Reporter*, 6399, 2015–16, p. 43).

Professor C. BROODBANK (Disney Professor of Archaeology, Head of the Division of Archaeology, and Gonville and Caius College):

Deputy Vice-Chancellor, I first thank the General Board and several committees of the University through which this proposal has passed for their positive and constructive reception. This proposal also enjoys full support in the Department of Archaeology and Anthropology.

This Report outlines in its paragraphs 3–8 the rationale, structure, and recruiting strategy for what we are convinced will be a highly successful, game-changing Tripos in Archaeology, explicitly engaging an international as well as Home/EU student market, and involving a strong, evolving relationship with our cognate disciplines within Human, Social, and Political Science. This will both restore the recently – and unintentionally – diminished primacy of undergraduate archaeology at Cambridge (sustained over much of the last century, and now lost to Oxford and, as I can testify from recent experience, UCL), and lead in exciting future directions. These twin goals are intrinsically good for the University and accorded a high priority by alumni and other key stakeholders. Our proposed Tripos works with the opportunities of a dynamic intellectual landscape, while respecting the ecology of current degree structures and teaching at Cambridge. It offers a strategic re-set and vision for archaeology's future at a University deeply entwined in the field's genesis, development, and flourishing to date.

Archaeology should be a key field for the education of the future global citizens and leaders that Cambridge aims to produce. As a form of comparative, deep history, it stands as the interpretative gateway to many of the fundamental human processes shaping our past and informing our present – our emergence and propensities as a species; why we farm and so now live in billions; how we began to connect and communicate over long ranges (the genesis of current globalization); why we live in cities; why societies are often so unequal; what drives long-term civilizational dynamics; how we have survived our planet's climatic rollercoaster over millennia; in short, how the strategic balances and imbalances of our planet first developed. Much – arguably the majority – of our past must be studied through archaeology, or it remains a dangerous void.

Archaeology in the early 21st century is not simply a social science, but embraces a spectrum of approaches

ranging from the sciences to the humanities. It is a superb medium for training the flexible, innovative minds that our society needs in order to navigate a thriving future; minds that can evaluate, integrate, and draw inferences from both quantitative and qualitative data, from genomes to art. Archaeology therefore needs to be a thriving and visible component of Cambridge's educational panoply, to the benefit of the subject and the University.

I therefore hope that the University will accept the General Board's Report.

Professor P. M. ALLMENDINGER (Head of the School of the Humanities and Social Sciences, and Clare College):

Deputy Vice-Chancellor, as Head of the School of the Humanities and Social Sciences I am pleased to commend to the University these proposals for a new Tripos in Archaeology.

The School and its participating institutions have been delighted by the success of the Human, Social, and Political Sciences (HSPS) Tripos since its launch in 2013, but concerned to note an apparent dilution of interest in Archaeology as a core subject within the HSPS Tripos framework. We have followed this carefully over the past two years and it is now clear, from admissions data and from student feedback, that the HSPS structure deters excellent students wishing to specialize in archaeology and human evolution.

A new Tripos affording specialist admission in Archaeology will enable the Department to attract the highest quality future archaeologists who we know currently do not apply to Cambridge; and to retain its role as a niche provider in ancient and near-eastern languages, human evolution, and biological anthropology.

The structure of the new course has been carefully designed to maintain Archaeology's place within the HSPS Tripos, so that students may still encounter archaeology through the mixed offering provided through HSPS, and may draw on this as an interdisciplinary choice throughout their studies; or may of course choose to transfer into Archaeology in order to specialize alongside those who were admitted directly to this new Tripos.

Careful planning by the Department has also ensured that our existing students, and those seeking admission in 2016, will be supported. Currently available options within the HSPS Tripos will remain fully available within the existing regulations, and will be delivered alongside the launch of the new Tripos.

This initiative is very much aligned with the School's on-going efforts to attract the highest-quality applicants in the humanities and social sciences, and to offer them a first-class undergraduate education that meets their interests and challenges them to achieve highly. These proposals are therefore welcomed by the Council of the School, and are fully supported by the Faculty Boards concerned and by the Management Committee of the HSPS Tripos.

Professor J. E. ROBB (Department of Archaeology and Anthropology, and Fitzwilliam College):

Deputy Vice-Chancellor and members of the Regent House, I speak as a member of the Division of Archaeology involved in helping design this new Tripos proposal.

Other colleagues will speak to specific aspects of the proposal. The most important general point to make which I believe is not covered in other statements is that this proposal is the fruit of a long consultative process with all the various stakeholders involved with undergraduate admissions and teaching. Representatives of several of these will speak today, but the full list includes all Divisions of the Department of Archaeology and Anthropology, the Faculty Board of Human, Social, and Political Science, the HSPS Tripos Management Committee, the School of the Humanities and Social Sciences, the Education and Student Policy Section, the General Board's Education Committee and the General Board itself, the Cambridge Admissions Office, the University Admissions Committee, the College Admissions Forum, and the College Senior Tutors' Committee, as well as informal discussion with a very wide range of colleagues.

We have listened carefully to issues raised by all of these and responded thoroughly to them, and the final proposal reflects all of their often quite central input. And it thus enjoys the solid support of all of these. This gives us confidence both that there is an overwhelmingly strong case for a new Archaeology Tripos, and that the proposed Tripos is fit for purpose when seen from Departmental, University, student, and College perspectives alike.

Dr N. BAMPOS (Chair of the HSPS Tripos Management Committee, Department of Chemistry, and Trinity Hall):

Deputy Vice-Chancellor, I speak to this Report as the Chair of the Human, Social, and Political Sciences Tripos Management Committee, the body constituted in 2012 to implement the necessary recruitment arrangements and facilitate the process from which the new Tripos has emerged as an exciting and popular course within the School of the Humanities and Social Sciences.

The University cares about undergraduate education, and in so doing nurturing and training a generation of scholars who will go on to make a significant contribution in their chosen fields (be it in academia or elsewhere). It has been, and should continue to be, our intention to maximize the options available to the brightest and intellectually ambitious students, and when they arrive to offer a first-class education.

It is within this context that the HSPS Tripos was formulated to expose students with a broad range of interests to a stimulating interdisciplinary degree supported by a number of Departments across the Humanities and Social Sciences. While the course has been popular with applicants and the recent cohorts of students admitted to the Tripos, what has become clear over the past two years is that within the HSPS Tripos the profile of archaeology has suffered and the number of applicants with an interest in the discipline has dropped. Such an outcome undermines the original aspiration to maintain the profile of the constituent subject within the new Tripos. We are clearly losing capable students from diverse backgrounds to other institutions perceived by applicants to be catering to those interested in archaeology in a way that we are not.

Our colleagues in Archaeology have chosen to seize this opportunity to rethink the delivery of the course and build on a proud Cambridge tradition to, as we have heard

already, 're-set' the new Archaeology Tripos as one of significant relevance to the modern world. There is no attempt in this Report to undermine the current HSPS Tripos, but, if anything, to enhance the options for students with an intention to specialize in Archaeology to be able to do so alongside the opportunities available in HSPS.

We have heard from members of the Department and the Head of School, all of whom have expressed their enthusiasm and support for the proposals outlined in the Report. It is noteworthy that the Report also has the support of the Faculty Board and the various Departments, and throughout this process I have been impressed by the time, thought, and commitment that has been invested in the details outlined in this Report. The HSPS Tripos Management Committee will for its part support this endeavour and do all we can to ensure that the students get the educational experience they expect and deserve.

Dr C. A. PETRIE (Department of Archaeology and Anthropology, and Trinity College):

Deputy Vice-Chancellor, the Human, Social, and Political Sciences Tripos has been a notable success, seeing a significant increase in applications, but it has had a dramatic and deleterious impact upon archaeology in Cambridge.

Taking my own College as an example, around 50% of students in the former Archaeology and Anthropology Tripos would typically take Part II Archaeology. The College now admits more students into the HSPS Tripos but very few of these opt to take Part II Archaeology. This pattern has been repeated across the University.

Importantly, across the University, the quality of the students taking Archaeology has been maintained, but the quantity of such students has dwindled. This demonstrates that Archaeology at Cambridge currently attracts top students, but few of them reach us via HSPS.

The single honours Tripos in Archaeology will revitalize the teaching of this subject in Cambridge in general, and at a substantial number of Colleges. It will be supported by an active campaign of outreach and recruitment to attract non-traditional Cambridge students and to explore international openings in the US and elsewhere.

I'm pleased to note that the Senior Tutors' Committee has endorsed our proposal. Currently there are Directors of Studies in Archaeology in approximately 19 Colleges, and we are well placed to provide external Directors of Studies elsewhere. The current Directors of Studies from Archaeology already contribute to interviewing in HSPS, and we are all eager for the opportunity to source, interview, admit, and teach the best students of archaeology, and once again make Cambridge the best place to study archaeology in the UK, and arguably the world.

Professor D. J. FELDMAN (Chair of the Faculty Board of Human Social, and Political Science, and Downing College):

Deputy Vice-Chancellor, I speak to the Report in the capacity of Chair of the Faculty Board of Human, Social, and Political Science. The Faculty Board is grateful to all who have been involved in the development of the new plans. The Board has considered the plans at different stages in their development and is extremely happy with the plan which is currently contained in the Report. I can confirm that the Faculty Board supports the proposal fully and is looking forward to playing its part in overseeing the new Tripos when it begins.



## COLLEGE NOTICES

### Vacancies

*Secretary of the Senior Tutors' Committee (part-time):* tenure: up to three years; stipend: £67,411 *pro rata* (the post is 30% of full-time); closing date: 10 November 2015; further details: <http://www.seniortutors.admin.cam.ac.uk/senior-tutors-committee>

### Events

*Magdalene College and Embassy of Ireland*

#### 150th anniversary celebration of the life and work of W. B. Yeats

A celebration of the life and work of W. B. Yeats will take place in Magdalene College, Cripps Court, on Monday, 23 November 2015. Speakers include Fran Brearton, Terence Brown, Patricia Coghlan, Terry Eagleton, Roy Foster, Angela Leighton, Edna Longley, David Moody, Peter McDonald, Chris Morash, and Michael O'Neill. The event will include performances of *On Baile's Strand* and *The Death of Cuchulain* by members of the Marlowe Society and Magdalene Drama Society.

Admission free, by ticket available from Magdalene College Development Office. Further information can be found at <http://www.magdalene.cambridge.com/yeats>.

## SOCIETIES, ETC.

### Cambridge Philosophical Society

Professor Simon Laughlin FRS, Department of Zoology, will give a lecture entitled *The human brain – a lesson in green technology*, at 6 p.m. on Monday, 9 November 2015, in the Bristol-Myers Squibb Lecture Theatre, Department of Chemistry, Lensfield Road.

The Society's *Honorary Fellows Lecture* will take place at 6 p.m. on Wednesday, 11 November 2015 in the Bristol-Myers Squibb Lecture Theatre, Department of Chemistry, Lensfield Road. Professor Roger Tsien ForMemRS, University of California, will give a lecture entitled *Molecules against cancer or for long-term memory storage*.

Further details are available at <http://www.cambridgephilosophicalsociety.org/lectures.shtml>.

### Friends of the University Library

A meeting of the Friends of Cambridge University Library will be held on Wednesday, 11 November 2015, at 5.30 p.m., in the Milstein Seminar Rooms, University Library, West Road, at which Richard Berengarten will read from his sonnet-sequence *Notness*, accompanied by cinematic commentaries by Geneviève Guetemme.

On Saturday, 14 November 2015 in the same venue at 11.30 a.m., Sandra Raban and Shaun Thompson will speak on *The Red Book of Thorney and its conservation*. Further details are available at <http://www.lib.cam.ac.uk/about-library/friends-library/programme-friends-events>.

## EXTERNAL NOTICES

### University of Oxford

*Exeter College*; Stipendiary Lecturer in Medieval History (fixed-term); stipend: £12,757–£14,348; closing date: 19 November 2015 at 12 noon; further particulars: <http://www.exeter.ox.ac.uk/stipendiary-lecturer-medieval-history-fixed-term>

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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