

UNIVERSITY OF OXFORD

Mathematical, Physical and Life Sciences Division
Mathematical Institute

in association with Merton College

UNIVERSITY LECTURERSHIP IN NUMBER THEORY

Description of Joint Appointment and Application Procedure

Applications are invited for a University Lectureship in Number Theory. The successful candidate will be appointed to a Tutorial Fellowship at Merton College. The combined University and College salary will be on a scale up to £57,201 per annum. Details of the Department and further details of the University post are given in Section II and details concerning Merton College and the College post are given in Section III.

The successful candidate must have a record of outstanding research in some branch of Number Theory. Preference will be given to applicants whose research will relate to and strengthen existing areas of interest in the Number Theory group and will be able to collaborate with other groups in the Mathematical Institute.

The appointee will also be expected to have the ability to teach effectively over a wide range of topics in the undergraduate mathematics syllabus at Oxford.

Duties

The duties of the **University post** are as follows.

Teaching and Research

- a) To engage in research;
- b) to give, under the direction of the Chairman of Mathematics, not less than thirty-two lectures in each academic year, spread over not less than six weeks of each term, provided that the board may permit the lectures to be given in not less than twelve weeks of two terms of the year if it is satisfied that this is desirable from the point of view of the lecture list and that you will be available in Oxford in the third term unless leave of absence has been granted by the competent authority;
- c) to contribute not fewer than four classes per annum to the Inter-Collegiate Class Scheme organised by the Inter-Collegiate Class Co-ordinator.

Additionally, the normal College teaching load of a university lecturer with a tutorial fellowship is six hours per week. The **College duties** are set out in detail in Section III below. Teaching duties may be varied by agreement with the Chairman of Mathematics (in the case of university duties), by agreement with the Inter-Collegiate Class coordinator (in the case of inter-collegiate activities) or by agreement with the college (in the case of College duties).

Examining

The lecturer will be required to take part in university examining as and when requested to do so by a committee for the nomination of examiners, unless he or she can show reasonable cause, to the satisfaction of the Vice-Chancellor and Proctors, why on a particular occasion he or she should

not do so. (This requirement does not apply to invitations from faculty boards or divisional boards to examine theses submitted for research degrees.)

Graduate Supervision

The lecturer will be required to act as the supervisor of a graduate student as and when requested to do so by a faculty board, divisional board, or other competent body, unless he or she can show reasonable cause, to the satisfaction of the body concerned, why on a particular occasion he or she should not do so.

Selection Criteria

(a) Qualifications

- A PhD in Mathematics

(b) Research

The selection committee will consider the extent to which each candidate:

- has an outstanding research record at an international level in Number Theory, noting the preference for applicants whose work will relate to and strengthen existing areas of interest in the Number Theory group at Oxford;
- is able to contribute effectively to the work of the existing mathematical research groups at the Mathematical Institute;
- is able to collaborate with other groups in the Mathematical Institute.

(c) Teaching

The selection committee will consider the extent to which each candidate:

has the ability and experience to teach effectively over a wide range of topics in the undergraduate and MSc mathematics syllabus at Oxford, not exclusively in the area of his or her research expertise, and has the skills to provide tutorial teaching in pure mathematics.

(d) Other duties

The selection committee will also consider the extent to which each candidate:

- Demonstrates ability and willingness to participate effectively in the full range of administrative and organisational tasks in both the department and the College;
- Demonstrates a willingness to act as personal tutor to Mathematics students in college, with the interpersonal skills to provide effective pastoral care;
- Demonstrates the ability and willingness to participate fully in the life of the college.

Application Procedure

Applicants should submit a letter of application explaining how they meet the eligibility and selection criteria for the post, supported by a Curriculum Vitae, list of publications, details of teaching experience, a statement of research interests, and the names and contact details of three

academic referees (not more than two of whom should be from the same institution and at least one of whom should be from outside Oxford University), to

The Administrative Assistant (Vacancies)

The Mathematical Institute

24-9 St Giles'

Oxford OX1 3LB

(Email applications to vacancies@maths.ox.ac.uk are also acceptable)

to arrive no later than noon on 11 February 2011. **Please quote reference number BK/010/043.**

Applicants should contact their referees and arrange for references to be sent to the Administrative Assistant by the closing date. Please ask them to quote the reference number BK/010/043. The University will assume that it is free to approach referees at any stage unless the candidate's application stipulates otherwise. Candidates who wish a referee or referees to be approached only with their specific permission and/or if they are being called for interview on the final shortlist or are in receipt of a conditional offer are asked to state such requirements explicitly alongside the details of the relevant referee(s). There is no application form, and a separate application is not required for the college post.

Interviews will be held in early March.

Candidates who will need visas to travel to the UK if they are invited for interview should make contingency arrangements immediately. If the interview date is likely to cause severe problems, please write to the above address immediately; you need not wait until your application is ready for submission.

Candidates short-listed for the lecturership will be invited to give a short lecture of about twenty minutes' duration on their research interests (which need not be exclusively on the candidate's own contributions) designed for a general audience of specially invited members of the Mathematical Institute and Governing Body of Merton College.

The appointment will be subject to satisfactory completion of a medical questionnaire and the provision of proof of the right to work in the UK.

The recommendation of the selection committee will be subject to ratification by the Divisional Board and the Governing Body of Merton College.

Section II

UNIVERSITY OF OXFORD

UNIVERSITY LECTURESHIP IN NUMBER THEORY

FURTHER DETAILS CONCERNING THE UNIVERSITY POST

A. *The Department*

A1. Number Theory and Related Research Groups

The Number Theory group at the Institute is led by Professor Heath-Brown FRS, supported by two university lecturers, Professor Flynn and Dr Lauder. Dr Pila, who is Reader in Mathematical Logic, also has strong links with number theory. Professor Sir Andrew Wiles FRS will join the group in October 2011. In addition to this core there are currently six D.Phil. students and three post-docs (Drs Bui, Testa and Pierce) with a fourth (Dr Tuitman) arriving in January 2011. The group also includes Professor Sir Martin Taylor FRS, who is Warden of Merton College and Professor Birch FRS. Seminars are frequently attended by members of other research groups including algebra, geometry, logic and mathematical physics. The latter two in particular have members with strong interests in number theory.

The group's work can be divided into the following categories:- firstly, research on classical problems in prime number theory and Diophantine geometry using analytic and geometric techniques (Heath-Brown, Bui, Pierce and four students); secondly, the investigation of low genus curves and abelian varieties over number fields, using algebraic and geometric methods (Flynn, Testa, and one student); thirdly, the application of p-adic cohomology to problems in computational number theory (Lauder, Tuitman and one student); and finally, the use of model theory to tackle Diophantine questions (Pila).

Professor Wiles' interests are wide ranging, but centre on modular forms and elliptic curves.

See <http://www.maths.ox.ac.uk/research> for more details of research groups in the Mathematical Institute.

A2: The Mathematical Institute

The Mathematical Institute, as Oxford's Department of Mathematics is known, is one of the leading mathematics departments in the world, with a significant research profile in central areas of contemporary mathematical research. It is the main focus of mathematics research in Oxford for both pure and applied. The inclusive nature and overall size of the department are key factors in the provision of an outstanding research environment for its members. The large number of faculty, postdocs and students in the department, all supported by excellent facilities, allows us to maintain a critical mass in research groups encompassing a wide spectrum of mathematics, while the integrated nature of the department fosters collaboration between fields.

The research activities of the institute are organised within a framework of interlinked and overlapping research groups. The fact that these research groups have indistinct boundaries and nontrivial intersections reflects a widespread recognition within the department of the unity of mathematics and the importance of cross-fertilisation between fields. The groups are listed on the following web page: <http://www.maths.ox.ac.uk/research>

The spread of research interests is also reflected to a large extent by the current holders of our statutory chairs; these are listed at <http://www.maths.ox.ac.uk/about/statutory-professors>

The Institute acts as the focus of activity in pure and applied mathematics. Its facilities, such as the Whitehead Library (for research in Mathematics) and the computer network, are available for all members of the faculty. Most lectures and research seminars in Mathematics take place in the Institute, though some first-year and second-year lectures are held nearby in the lecture theatre of the University Museum. The Mathematical Institute is currently scheduled to move into newly built accommodation on the University's recently acquired Radcliffe Observatory Quarter in 2013/14.

Many members of the Institute have received prestigious prizes and other special recognition for their work; some recent examples can be found at <http://www.maths.ox.ac.uk/news/awards-prizes>.

A3: The University of Oxford

The University of Oxford employs almost 9,000 academic, research and support staff across a wide range of academic disciplines. Its mission is to achieve and sustain excellence in every area of its teaching and research, maintaining and developing its historical position as a world-class university, and enriching the international, national, and regional communities through the fruits of its research and the skills of its graduates.

The academic administration of the University is conducted through four divisions: Humanities, Social Sciences, Mathematical, Physical and Life Sciences, and Medical Sciences. The Mathematical, Physical and Life Sciences Division consists of ten constituent departments: the Department of Chemistry, the Computing Laboratory, the Department of Earth Sciences, the Department of Engineering Science, the Department of Materials, the Mathematical Institute, the Department of Physics, the Department of Plant Sciences, the Department of Statistics and the Department of Zoology

B. Standard Terms and Conditions

1. Applications for this post will be considered by a selection committee containing representatives from both the Mathematical Institute and Merton College. The selection committee is responsible for conducting all aspects of the recruitment and selection process, including making a recommendation on who should be appointed. The recommendation is made to the MPLS divisional board and to the governing body of Merton College, which make the final decision on the appointment. Therefore, an offer of appointment is only valid once the divisional board and the governing body have approved the recommendation of the selection committee and a formal contractual offer has been made.

2. The successful candidate will be appointed on the Oxford lecturer scale (£35,698 - £47,974 as at 1 August 2009). Lecturers appointed below the top of this range will receive annual increments until they reach the top point. There is also an annual 'cost-of-living' salary review. Departments may also, in wholly exceptional cases, propose the awarding within the scale of additional increments to lecturers at any time during their appointment.

The combined university and college salary will be on a scale up to £57,201 per annum (2009/2010).

The lecturer will have the option of becoming or remaining a member of the Universities Superannuation Scheme (USS).

3. Additional remuneration is currently paid to those undertaking examining and graduate supervision.

4. Upon completion of an initial period of appointment (which is normally five years), a university lecturer is eligible for reappointment until retiring age, subject to the provisions of the

Statutes and Regulations of the University. Evidence of lecturing competence and of substantial progress in research are prerequisites for reappointment to the retiring age.

The University's normal retirement date for university lecturers is 30 September immediately preceding the 66th birthday, except that, if the successful candidate can establish vested rights, as defined in the University's statutes (details available on request), in retirement at age 67 or later, then the date of retirement will not normally be later than the 30 September immediately preceding the 68th birthday.

5. All appointments are subject to the relevant provisions of the Statutes and Regulations of the University in force from time to time, as published from time to time in the University Gazette.

All university lecturers, with other members of the academic staff and certain senior academic-related staff, are normally members of Congregation, which is the University's ultimate governing body. Congregation's approval is required for all university statutes or amendments to statutes, and for major policy decisions, and the members of Congregation constitute the electorate for ten of the members of the main executive body (the Council of the University) and for members of a number of other university committees. Twenty or more members of Congregation may initiate the discussion by Congregation of matters of university policy, and any two members may ask questions about the policy or administration of the University. The person appointed to this post will receive full details soon after he or she takes up the appointment.

6. The holder of this post is eligible to apply for sabbatical leave. In general, one term of sabbatical leave is available for each six terms of qualifying service: qualifying service is built up on a 'rolling' basis, so that leave which is not taken is not lost (although qualifying service does not accrue beyond the maximum of 18 terms). Further details are available on request.

7. The University encourages links with industry and other outside bodies. Although the holding of outside appointments such as consultancies must be approved by the head of department, no limit as such is set on the amount of money individuals may receive in this way. The criterion is the amount of time such appointments take up: a maximum of 30 days per annum may be spent on such activities before any deduction in stipend is considered.

8. The Statutes and Regulations of the University record the extent of the University's claims to intellectual property, and the proportions in which exploitation revenues are shared with researchers. Copies of the relevant extracts are available on request.

9. All staff participate in the University's appraisal scheme which is currently under review.

10. The University has generous maternity leave arrangements. Provided that they have at least 26 weeks' service with the University at the fifteenth week before the expected week of childbirth, women may take up to 26 weeks leave on full pay, plus 13 weeks SMP, plus a further 13 weeks unpaid leave. Arrangements are available to enable a phased return to full duties; for women to return to work on a part-time basis after the birth of their child; and for paternity leave. Requests for flexible working arrangements will be considered.

11. The University has three subsidised nurseries and also subsidises places at some local nurseries, although at present there is a waiting list. In addition, staff have access to a childminding network. There is also a salary sacrifice scheme whereby parents with children at university nurseries are able to save on income tax and national insurance contributions, and a virtual voucher scheme for parents with children not at university nurseries or placed with childminders through the network whereby a saving is made on national insurance contributions. There is also a holiday playscheme for school-age children. Further information may be obtained from the childcare website (www.admin.ox.ac.uk/eop/child) or by e-mailing

childcare@admin.ox.ac.uk, or writing to the Diversity and Equal Opportunities Unit, University of Oxford, University Offices, Wellington Square, Oxford OX1 2JD.

12. *Equality of opportunity*: The policy and practice of the University of Oxford require that all staff are offered equal opportunities within employment. Entry into employment with the University and progression within employment will be determined only by personal merit and the application of criteria which are related to the duties of each particular post and the relevant salary structure. In all cases, ability to perform the job will be the primary consideration. Subject to statutory provisions, no applicant or member of staff will be treated less favourably than another because of his or her gender, marital or civil partnership status, sexual orientation, religion or belief, racial group, age or disability.

Where suitably qualified individuals are available, selection committees will contain at least one member of each sex.

13. All data supplied by applicants will be used only for the purposes of determining their suitability for the post¹ and will be held in accordance with the principles of the Data Protection Act 1998 and the University's Data Protection Policy.

14. The appointment will be subject to satisfactory completion of a medical questionnaire and the provision of proof of the right to work in the UK.

Applicants who would need a work visa if appointed to the post are asked to note that under the UK's new points-based migration system they will need to demonstrate that they have sufficient points, and in particular that:

(i) they have sufficient English language skills (evidenced by having passed a test in basic English, or coming from a majority English-speaking country, or having taken a degree taught in English)

and

(ii) that they have sufficient funds to maintain themselves and any dependants until they receive their first salary payment.

Further information is available at:

<http://www.ukba.homeoffice.gov.uk/workingintheuk/tier2/generalarrangements/eligibility/>.

15. All reasonable interview expenses will be reimbursed. Removal expenses and travelling expenses in connection with the move to Oxford of the successful candidate are generally paid in full in appropriate cases. Professional expenses of up to £6,500 also are available where appropriate to cover solicitors' and other costs in connection with a move. Further details are available on request.

¹ But NB if the appointee to the post is a migrant sponsored under the UK's new points-based migration system, we are required to retain all applications for the duration of the sponsorship.

**PAY SCALE FOR UNIVERSITY LECTURERS
WITH TUTORIAL FELLOWSHIPS**

The salary for the joint post of University Lecturer and Tutorial Fellow at Merton College will be on a scale from £42,563 up to a maximum of £57,201 p.a., as set out below. Different national pay spine points may be adopted by the University and the College

National pay spine point	Total salary	College salary	University salary
42	£42,563	£6,865	£35,698
43	£43,840	£7,071	£36,769
44	£45,155	£7,284	£37,871
45	£46,510	£7,502	£39,008
46	£47,905	£7,727	£40,178
47	£49,342	£7,959	£41,383
48	£50,822	£8,198	£42,624
49	£52,347	£8,444	£43,903
50	£53,918	£8,697	£45,221
51	£55,535	£8,958	£46,577
52	£57,201	£9,227	£47,974

UNIVERSITY OF OXFORD

MERTON COLLEGE

**Tutorial Fellowship in association with
a University Lecturership in Number Theory**

A. The College

Merton College is one of the oldest colleges in Oxford and has a strong commitment to excellence in research and teaching (see <http://www.merton.ox.ac.uk>).

1. Mathematics at Merton

Mathematics has a long and strong tradition at Merton which includes such figures as Thomas Bradwardine (c. 1321), Henry Savile (d. 1622) and Professor Sir Andrew Wiles, an Honorary Fellow, returning as a Professorial Fellow. Undergraduate performance in public examinations typically exceeds the University average. The post therefore offers the opportunity to teach some of the best mathematics students in Oxford.

Merton admits undergraduates reading for three and four year single honours degrees in mathematics; the joint honours degrees in Mathematics & Statistics, Mathematics & Philosophy, and Mathematics & Computer Science; and the single honours Computer Science degree. The College currently takes eight to ten undergraduates each year in these subjects, making Mathematics one of the larger subjects at Merton. Short course descriptions, handbooks for these degrees, and information on Mathematics at Merton can be found at the following links:

<http://www.maths.ox.ac.uk/prospective-students/undergraduate>
<http://www.maths.ox.ac.uk/current-students/undergraduates>
http://www.merton.ox.ac.uk/admissions/ug_subj_maths.shtml

Merton has a sizeable graduate community (about 300) which currently includes 26 graduates reading for higher degrees in Mathematics or related subjects.

The Tutorial Fellow will be one of a team of three Tutorial Fellows in Mathematics at Merton, along with Professor Alexander Scott and Dr Christoph Ortner. Other Mathematicians among the Fellowship are: Professor Sir Martin Taylor (Warden), Professor Ulrike Tillmann (Professorial Fellow), and Professor Boris Zilber (Professor of Mathematical Logic). Fellows working in fields related to Mathematics include Professor C-H Luke Ong (Computer Science). Mathematicians are regularly also appointed in our annual Junior Research Fellowship competitions. The College also has a strong Physics group including Professor Artur Ekert (Professorial Fellow in Quantum Physics and Cryptography) who has a joint appointment with the Mathematical Institute.

For information on Fellows of Merton, see:

http://www.merton.ox.ac.uk/fellows_and_research/index.shtml

2. Tutorial Responsibilities of the Tutorial Fellow in Mathematics at Merton

The main responsibilities of the Tutorial Fellow will be as follows:

(a) To share in the organisational responsibility for Mathematics, and in the general care of graduates in Mathematics and related subjects within the College. This will include serving as Director of Studies to some of the undergraduates.

(b) To provide tutorial teaching for up to an average of six hours per week in each week of full term. Merton applies a weighted hours scheme so the contact hours may be lower than six.

(c) The Tutorial Fellow is expected to participate fully in College Admissions procedures, including Open Days, and in the setting and marking of the College's internal examinations ('Collections'). The role of the Tutorial Fellow will involve administration (e.g. the planning and organisation of students' subject options; the endorsement of applications made by students for vacation residence, travel grants and other College assistance; the writing of references, the selection of books for the College Library etc.).

(d) The Tutorial Fellow must attend the Warden and Tutors' Committee meetings (held at 1.15 p.m. on every Wednesday of term, with the exception of the 4th week) and be present to report on students' performance to the Warden at special meetings (known as Undergraduate Progress Meetings) which each undergraduate is obliged to attend once a year.

(e) The Tutorial Fellow is expected to undertake pastoral responsibilities and will receive an entertainment allowance to assist with this. Attendance is expected at College events such as the Matriculation Dinners (for freshers), Postmasters' Dinner (a dinner for scholar and exhibitor undergraduates) and the Shrove Tuesday Dinner (a dinner for finalists).

(f) The Tutorial Fellow will be required to work with the College's Schools Liaison Officer and tutors to develop contacts with schools and to attract high-quality candidates for Mathematics from a wide variety of schools.

3. Other Responsibilities of the Tutorial Fellow in Mathematics at Merton

There are many College activities which go beyond the narrowly academic. It is hoped that the Tutorial Fellow will participate fully in the life of the College, recognising that a College can function successfully only if its Fellows are animated by a spirit of service which elicits a commitment to the life of the community beyond the prescribed contractual duties.

The appointment is based on the understanding that the successful candidate undertakes to fulfil the following duties and obligations of service:

(a) The Tutorial Fellow is expected to engage in advanced study or research, and to publish the results.

(b) The Tutorial Fellow is required to perform the duties of a member of the Governing Body of Merton College (which meets three times each term) and to take a share in the work of that body and its committees. This means that the Fellow must expect to serve on Standing Committees (although this is not usual during the first year of any Fellowship), and to serve from time to time as an Officer of the College if such a request is made by the Committee of College Officers. (Merton has appointed a permanent Senior Tutor to cover the roles of Senior Tutor, Tutor for Undergraduate Admissions and Tutor for Graduates so these duties are no longer undertaken by academic staff.) In particular, the Fellow is required to advise the College on the selection of Graduate Scholars and Junior Research Fellows when there are candidates in Mathematics. The College is a charitable corporation and members of the Governing Body are trustees who have the duty to ensure that charitable objects of the College are observed and fulfilled and to comply with charity law and regulation.

(c) The Fellow may be asked to advise the Tutor for Graduates on the admission of graduates, and to serve as College Adviser ('In-College tutor') for graduate students in related subjects. Each

October the Fellow will be notified of the names of those students for whom he/she is asked to act as College Adviser. College Advisers are expected to make contact with the graduate students under their care normally at least once a term, and to entertain them at lunch or dinner in the College once a term at the expense of the College. College Advisers also attend the progress meetings held by the Warden and the Dean of Graduates with all first-year and second-year graduate students and with third year graduates if they wish for one. Fellows are expected to participate in events which foster closer links between the Senior and Middle Common Rooms such as the SCR/MCR dinners and SCR/MCR talks.

B. Terms and Conditions

The college stipend for this post is on a range from £6,865 p.a. to £9,227 p.a. (October 2010 rates). The following conditions apply to Tutorial Fellows at Merton:

- (i) Every Fellow has the right to free meals at the Common Table of the College;
- (ii) A Tutorial Fellow who wishes to live in College may be provided with single accommodation in College free of rent, and will receive a residence allowance of £1,251 p.a.;
- (iii) A Tutorial Fellow who does not wish to live in College will receive a household allowance of £7,913 p.a.;
- (iv) A Tutorial Fellow will be provided with a teaching room in College;
- (v) A Tutorial Fellow may elect to be a member of the Universities Superannuation Scheme ;
- (vi) The College insures Fellows, their spouses, and dependent children under the age of 21, with a private Medical Insurance Company free of charge (the premium is assessable as a taxable benefit);
- (vii) The College has some houses of its own which are designated as "Tutors' Houses" but there is no guarantee that such a house will be available. However, it will provide a flat or small house near the College on a temporary basis, i.e. for the first five years of appointment, if that is desired. Tutorial Fellows living in College houses receive a residential allowance of £2,502 p.a.;
- (viii) There is a possibility of small grants for research purposes from the Research Fund;
- (ix) A Tutorial Fellow receives a tax-free entertainment allowance of £450 p.a. and a book allowance of £814 p.a.;
- (x) The College has a sabbatical leave scheme which normally allows for leave of absence on full pay for three terms in every seven years, provided that satisfactory alternative teaching arrangements are made, and provided also that, if the Tutorial Fellow hold any office of profit during the period of his or her leave, the Governing Body shall have power to revise or discontinue his or her stipend as Tutor for that period;
- (xi) The College provides for sick leave and family related leave on the same basis as the University (see University's Further Particulars);
- (xii) The College pays relocation expenses on the same basis as the University;
- (xiii) The appointment will be for five years initially. The first five-year period will be probationary. At the expiration of the initial five-year period, a Fellow may be re-elected for a further period, having met the criteria for re-appointment in accordance with College Bylaws. The procedure, which is complementary to, but separate from, that described in the University's Further Particulars, is that a Tutorial Fellow shall submit to the Warden a report of the work which he or

she has done and the duties which he or she has performed since appointment and the Warden shall ask for a report from the Chairman of the Department to which the Tutorial Fellow belongs, or, if the Tutorial Fellow's re-appointment to a position in the Department under consideration, from the Chairman of the Committee which is considering that re-appointment.

A Tutorial Fellow shall be re-appointed thereafter for periods of not more than seven years at a time, and upon the second and any subsequent re-appointment the Warden and the College's re-appointments Committee shall consider the Tutorial Fellow's performance in three areas: research and publications; teaching; contribution to the College by way of service in Office, on Committees, etc.

(xiv) The normal retirement age of Fellows is 65 (see also the University's Further Particulars).

(xv) The appointment is conditional on verification of the successful candidate's right to live and work in the United Kingdom.

(xvi) A notice period of one full term is required. Sundry other information concerning both academic facilities (e.g., scheme for the provision of computer equipment) and domestic arrangements in the College (e.g., ordinary meals and College official feasts, use of the College key, Senior Common Room and Guest Room facilities, use of parking, telephones and photocopying, etc.) is contained in a Handbook for new Fellows, available from the Senior Tutor, Dr Trudy Watt, trudy.watt@merton.ox.ac.uk (01865 286505).