Hertford College proposes to appoint a Stipendiary Lecturer in Applied Mathematics. The Lectureship is fixed-term from 1 October 2019 to 30 September 2020 and is non-renewable. It can be held in conjunction with another similar appointment to the extent that this is compatible with the responsibilities of the Lectureship.

The Lecturer will be under the direction of Professor Alan Lauder. The overall tutorial teaching load will be an average of three hours per week (in pairs and small classes) over the three terms.

The College

Hertford College is heir to the traditions of two medieval Halls, Magdalen Hall (whose alumni include Thomas Hobbes and William Tyndale), and Hart Hall (whose alumni include John Donne and Jonathan Swift). The main site lies in the heart of Oxford, occupied from the later thirteenth century by Hart Hall and, from 1740 until 1816, by the first Hertford College; and then, from 1822, by Magdalen Hall which was refounded in 1874 as the second Hertford College. Academic offices are on the main site, as is accommodation for many students, complemented by further accommodation for both graduates and undergraduates at various other sites around Oxford.

The Fellowship, which has responsibility for the governance of the College, currently consists of just over forty Fellows, and the College is home to roughly 650 students, two-thirds of whom are undergraduates. Around thirty Lecturers supplement undergraduate teaching provision. Fellows, Lecturers and students are drawn from a range of disciplines across the Humanities, Sciences and Social Sciences. The College has a reputation for being both progressive and friendly. It was one of the first colleges to go mixed, and the ratio of female students to male remains comparatively high. It has championed access for students from backgrounds under-represented at Oxford and has a strong academic ethos.
College Duties

The tutorial teaching load will be an average 3 hours per week over the three terms. The appointee will also be expected to participate in admissions and assist with pastoral care where necessary. In 2019–20 there will be 23 undergraduates reading for degrees in Mathematics (or Mathematics and Statistics). The College currently has one Tutorial Fellow in Mathematics, Professor Alan Lauder. The Lecturer will be working under the direction of Professor Lauder and alongside a Stipendiary Lecturer in Pure Mathematics and Non-Stipendiary Lecturer in Statistics.

The appointee must be able to teach the following topics from the Prelims and Part A syllabus.

- **Prelims:** Dynamics.
- **Part A:** Differential Equations 1 and 2, Quantum Theory, Fluids and Waves, Calculus of Variations, Special Relativity.

Details of these courses can be found on the website of the Mathematical Institute: [www.maths.ox.ac.uk/courses/material](http://www.maths.ox.ac.uk/courses/material)

The appointee will be required:

(i) to undertake an average of 3 hours per week of teaching over the three terms.

(ii) to engage in
   - tutorial preparation;
   - the setting and marking of written work;
   - the setting, marking and returning of scripts for collections (internal college examinations);
   - writing and submitting student reports;
   - liaison with other staff on teaching and pastoral matters, as appropriate.

(iii) to assist with the organisation of Mathematics teaching at Herford College, share in pastoral responsibility for undergraduates reading Mathematics or Mathematics and Statistics, and to encourage student engagement with their subject.

(iv) to share responsibility for the December 2019 round of undergraduate admissions for Mathematics.

(v) to assist with open days and other access and outreach events, where appropriate.
Assessment Criteria

Candidates should have a good first degree in a relevant subject and should have, or be close to completing, a doctorate in Mathematics.

Experience of teaching undergraduates, preferably in small groups, would be an advantage, as would experience with Oxford undergraduate admissions. Although this is not a research appointment, the college generally considers research ability and teaching ability to be related, and so account will be taken of candidates’ research record commensurate with the stage of their career.

Examples of evidence a candidate might wish to draw to the attention of the committee include the following:

(i) the ability or potential to be an effective teacher of Mathematics to students of high ability in a tutorial system, along with the personal qualities needed to foster a high level of achievement in undergraduate students;
(ii) achievement or potential (commensurate with the applicant’s career) in a field of research relevant to the subjects being taught;
(iii) the ability to participate effectively in the administration and development of Mathematics in Hertford College;
(iv) a willingness to participate in access initiatives with a view to encouraging applications from a wide range of educational backgrounds.

Terms and Conditions

The appointment will be from 1 October 2019 – 30 September 2020.

The salary for a three-hour lectureship will be in the range £6,756 - £7,599 per annum, depending on qualifications and experience, and will be pensionable with USS.

The Lecturer will have the following entitlements:

(i) associate membership of the College’s Senior Common Room (SCR);
(ii) free lunches while undertaking teaching duties in term time and during vacations; and
(iii) one dinner each week during term time (weeks 0–9) without cost.

Application and Appointment Procedure

Applications must include a CV detailing all relevant experience, a covering letter, a college application form (available from the college website) and the names and contact details of two referees. Applications should be sent as one pdf string to Ms Julia Howe, Deputy Academic Administrator, Hertford College (academic.office@hertford.ox.ac.uk) by noon on Wednesday 1 May 2019.
Candidates should also arrange for their referees to write to the college by the same date. The college wishes to take this opportunity to thank in advance those referees who write on behalf of candidates.

It is anticipated that interviews will be held in the week commencing 13 May 2019.

Candidates are strongly encouraged to return the Recruitment Monitoring Form (available for download from the college website - https://www.hertford.ox.ac.uk/about/vacancies).

Candidates must be eligible to work in the UK, and the appointment will be subject to provision of proof of the right to work in the UK before employment commences. Regrettably, the college is not able to sponsor applicants for a Tier 2 visa for this post.

Any applicant who is already working in the UK under the terms of a visa should check carefully before they apply whether their visa gives them the right to undertake teaching work. (A Tier 2 visa which permits research employment without reference to teaching is unlikely to be satisfactory.)

In accordance with the General Data Protection Regulation (GDPR), we have implemented a privacy notice which explains the types of data we will process about you as part of the application process. We also include within this notice the reasons for this, how long we keep your data for, and your rights regarding your data. This Privacy Notice can be found on our website at this address: https://www.hertford.ox.ac.uk/privacy.

Hertford College is an Equal Opportunities Employer