Hertford College, Oxford

One-year fixed-term Stipendiary Lectureship (3 hours) in Computer Science

Further Particulars

Hertford College proposes to appoint a Stipendiary Lecturer in Computer Science. The Lectureship is fixed term from 1st October 2018–30th September 2019 (with payment continuing through vacations). It can be held in conjunction with another similar appointment to the extent that this is compatible with the responsibilities of the Lectureship.

The overall tutorial teaching load will be an average of three hours per week (in pairs and small classes) over the three terms. Applicants are welcome to specify the courses that they are equipped to teach based on their particular areas of expertise. A list of the Computer Science courses that the College aims to support through tutorials can be found in the “College Duties” section below.

Currently most of the relevant students are studying Computer Science and Philosophy, though the College is now admitting students directly into single honours Computer Science also. Accordingly, the successful candidate will work in coordination with, and will report to, Dr Andreas Galanis, Associate Professor and Tutor in Computer Science, and Professor Peter Millican, Gilbert Ryle Fellow and Tutor in Philosophy.

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 College site is located at the heart of the ancient city of Oxford, where Elias de Hertford founded Hart Hall in the 1280s, and to which Magdalen Hall removed in 1822 (subsequently incorporated as Hertford College in 1874). 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, particularly around Folly Bridge.
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 schools that have not traditionally encouraged Oxford applications and has a strong academic ethos.

**Computer Science in Hertford College**

Professor Mike Wooldridge, Head of Computer Science, is a Professorial Fellow of the College. Computer Science teaching in the College is directed by Dr Andreas Galanis, recently appointed as Associate Professor and Tutor in Computer Science. Previously, Computer Science teaching had been under the overall direction of our Philosophy Tutor, Professor Peter Millican, who is also a member of the Computer Science Faculty, and took the lead in developing the Oxford degree in Computer Science and Philosophy (henceforth “CS&P”), which began in 2012. Hertford offers more places for this degree (standardly 4-5 per year) than any other college. In the latest Admissions round, Hertford admitted students directly into Computer Science (henceforth “CS”), as well as CS&P, for the first time. In 2018, the College appointed Dr Andrew Cropper as a Junior Research Fellow in Computer Science. The College offers a strong and engaged Computer Science community, and students from a variety of courses are brought together for discussion classes and other subject-based events and activities. Our Fellows and students are also extremely active in outreach.

**College Duties**

The overall tutorial teaching load for the appointed Lecturer will be an average of three hours per week (in pairs and small classes) over the three terms. The successful candidate will join our current team of tutors in Computer Science, comprising Dr Andreas Galanis and Dr Paul Harrenstein. The final team will be responsible for tutoring all of the relevant first and second year Computer Science courses. Each tutor will be assigned courses proportionally to their teaching load, which for a 3-hour lectureship would amount to either two or three courses per academic year (depending on the number of students and the difficulty of the course).
In particular, the successful candidate will be asked to provide tutorial teaching in at least two, and ideally three, of the following core subjects on the undergraduate syllabus:

- **Second year courses:** Algorithms, Models of Computation.

Ability to teach one (or more) of the programming-oriented courses will be considered an advantage. Further details of the relevant courses may be found on the website of the Department of Computer Science: [http://www.cs.ox.ac.uk/teaching/courses/](http://www.cs.ox.ac.uk/teaching/courses/). Applicants are welcome to specify in their application the courses they would be equipped to teach based on their particular areas of expertise.

In addition, the appointee will be expected to assist in the organisation of teaching of Computer Science at Hertford (and associated pastoral support where required), to liaise with the Department of Computer Science, and to be available to assist throughout the 2018 Admissions round.

The appointee will be required:

(i) to undertake the required 3 hours per week of teaching in Computer Science, averaged over the three terms;

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

(iii) to assist with the organisation of Computer Science teaching at Hertford College, and to share in pastoral responsibility for undergraduates reading CS and CS&P;
(iv) to share responsibility for the December 2018 round of undergraduate admissions for CS and CS&P, and to participate in the three annual College Open Days (two in late June, and one in mid-September) and some outreach activities.

Assessment Criteria

Candidates should have a good first degree and should have, or be close to completing, a doctorate in Computer Science or a closely allied discipline.

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 – and research is not considered an essential prerequisite – 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 Computer Science 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 stage) in a field of research relevant to the subjects being taught;

(iii) the ability to participate effectively in the administration and development of Computer Science 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 for one year from 1 October 2018.

The salary for a three-hour lectureship will be in the range £6,624 - £7,450 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 free dinner each week during term time (weeks 0–9).

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. Candidates should also state in their applications which of the Computer Science courses listed earlier they would be able to teach. Applications should be sent to Ms Julia Howe, Deputy Academic Administrator, Hertford College (academic.office@hertford.ox.ac.uk) by 8am on Thursday 13th September 2018.

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 on Monday 24th or Tuesday 25th September 2018. Potential candidates are welcome to contact Dr Andreas Galanis (andreas.galanis@cs.ox.ac.uk) and Professor Peter Millican (peter.millican@hertford.ox.ac.uk) for further information.

Candidates are strongly encouraged to return the Recruitment Monitoring Form (available for download at 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.)

Hertford College is an Equal Opportunities Employer