MURRAY EDWARDS COLLEGE

Fixed Term (three years) College Lectureship and Fellowship in Computer Science

Further Particulars

Murray Edwards College invites applications for a College Lectureship in Computer Science from 1 October 2020. The post is for three years in the first instance, but there may be possibility for renewal. The person appointed will be elected to an Official Fellowship for this period.

Murray Edwards College was founded as New Hall in 1954 for the purposes of educating women students. It has a community of around 380 undergraduates and 190 postgraduates, and a male/female Fellowship of about sixty. The College admits around four students to read Computer Science every year. The students form a strong community within the College.

The person appointed will be expected to teach ('supervise') undergraduates for nine hours per week for the twenty teaching weeks of the year, and will direct studies for students taking Computer Science in the College. College supervision involves setting and marking work which is then discussed in meetings with small groups of students. The post holder will additionally teach and support Maths for Natural Science students.

Directors of Studies are formally responsible for advising students on their academic course of study and for reviewing their progress with them (particularly through individual meetings at the beginning and end of each term), for finding appropriate supervisors for each course, and preparing students for University examinations. They liaise closely with the Department for Computer Science and keep abreast of teaching and learning in that Department. They also play a major role in selecting students from amongst those applying for places: participation in interviews in December and January each year, and in the cross-College moderation meetings (the Winter and Summer pools) is essential.

In addition, the successful applicant will play a part in promoting and supporting Computer Science within the College and more broadly, for example through outreach activities, and will play an important role in promoting issues surrounding women in STEM subjects. Working with the Admissions Tutor and Tutor for Student Development, this will include:

- Taking part in relevant Flying Start programmes Computer Science specific and/or Maths part of Flying Start for Scientists.
- Engagement with other study skills activities for students e.g. through the College’s Gateway Programme.
- Support for attainment in liaison with the Admissions Tutor, e.g. Year 12-13 events, online modules for Computer Science potential students, engagement in She Talks Science, possibly with potential for more specific focus on Computer Science, etc.

A PhD in Computer Science, and a strong record of excellence in teaching are essential. Experience of supervision of topics that form part of the Computer Science Tripos would be a
distinct advantage. Candidates are also expected to be able to demonstrate a strong research career to date.

The appointment will be made within the range determined by Spine Point 47 and Spine Point 49 of the University scale (currently £39,152 to £41,526) depending on experience and qualifications.

The person appointed will be elected to an Official Fellowship at Murray Edwards College, co-terminous with the qualifying office of College Lecturer. Fellows share collective responsibility for the running of the College, as members of the College’s Governing Body. The person appointed will have an office, or shared office, in the College with a computer, and will enjoy a range of benefits including full dining rights and access to other facilities including College gym and parking. All Fellows can apply for a research grant of up to £800 p.a., and accommodation at subsidised rates may be available.

Application letters including a curriculum vitae and statement on research and teaching for the position should reach the College Administrator (Ms Sarah Greaves - skg22@cam.ac.uk) by noon on Friday 28 February 2020; candidates should also arrange for three confidential references to reach the College Administrator by the same date. Informal enquiries can be made to the Senior Tutor (Dr Kate Peters – kate.peters@murrayedwards.cam.ac.uk).

**Essential Requirements:**
- A good first degree and a doctorate in a relevant subject area (or clear evidence that completion of such a doctorate is imminent);
- Ability to teach University level courses in chosen subject area;
- Evidence of ability to engage in high-level research, with publications and participation in scholarly activity commensurate with stage of career;
- Ability to engage and enthuse students and colleagues in their research area;
- Ability to play an effective role in the life and work of Murray Edwards College.

**Desirable Requirements:**
- Experience of, and/or aptitude for organizing and participating in collaborative teaching and research;
- Experience of administrative activity in an academic environment, with Evidence of administrative efficiency.