Introduction

Trinity College, Cambridge, was founded in 1546 by Henry VIII. Sir Gregory Winter is Master and there are around 190 Fellows covering most branches of learning. There are approximately 700 undergraduate and 350 postgraduate students.

Applications are invited for appointment to a 6-hour College Lectureship in Mathematics for Natural Sciences together with a Fellowship. The successful applicant – who will hold a UTO position in the University - will supervise in the mathematical courses of the Natural Sciences Tripos, and assist with direction of studies and admissions in the Natural Sciences.

About 30 Natural Scientists are admitted to Trinity each year. All students must take Mathematics in their first year and typically 16-20 students continue with Mathematics in their second year. Additionally, approximately 10 students taking the Computer Sciences Tripos take Mathematics from the Natural Sciences Tripos in their first year.

There are two other teaching Fellows in Mathematics for Natural Sciences: Professor Grae Worster (Applied Mathematics / Fluid Mechanics), and Dr John Rudge (Earth Sciences). College teaching for undergraduates in Natural Sciences takes place in supervision classes. Undergraduates usually attend these classes in pairs, having prepared some written work or examples beforehand. The College teaching is intended to supplement and reinforce the University teaching. Further information concerning the courses and their contents can be found on the main departmental website at http://www.natsci.tripos.cam.ac.uk.

College Lecturer Duties

The duties of a College Lecturer include:

- Teaching of undergraduates in supervision classes (typically of 2 students) for at least 6 hours per week during the 20 teaching weeks of the year. The successful candidate will be expected to be able to supervise in all of the materials in the Mathematics courses in Parts IA and IB of the Natural Sciences Tripos.
- Directing studies of undergraduate students, which involves advising students on their studies, arranging their supervisions, encouraging their progress and providing letters of reference. An entertainment allowance is available to help entertaining directees. Lecturers are also encouraged to attend the Matriculation and Graduation Dinners.
- Actively participating in the admissions process. This involves carrying out admission interviews, usually over the course of one week after the end of Michaelmas term and taking part in the ensuing selection meetings. There are Open Days each year when sixth formers come to College. Lecturers are also encouraged to attract more and better candidates, e.g. by making contacts with schools.
- Assisting with the formulation of College academic progress and interview test papers, as required. There is a short examination for first-year students at the beginning of the Lent Term, which Lecturers set and mark.
- In addition, College Lecturers are expected to devote themselves to learning and research in their chosen field.
Title in Header

College Lectureship and Fellowship in Mathematics for Natural Sciences

Stipend

The Lectureship will require six hours per week of College teaching (for 20 weeks per year). The stipend will be set at Step 5 of the College scale for 6-hour Lecturers, currently £9,520 per annum (payable in addition to the University salary), together with other benefits of College membership. Variation is made for supervision above (or below) the specified amount, and additional payments are made for direction of studies and for interviewing candidates for admission. The post is pensionable (USS).

Other benefits

The successful applicant will be elected into a Fellowship of the College. A Fellow who fulfils certain conditions about residence is entitled to a set of rooms in College, free of rent and Council Tax but subject to charges for utilities, service, etc. Fellows not resident in College must normally reside during Full Term within the precincts of the University (ten mile radius) and are entitled to a teaching room in the College free of charge. There are schemes for assisting with house purchase, and with computing and book purchases. In addition, a Fellow is entitled to ninety free meals per quarter at the High Table, may apply to the College for assistance towards research expenses, and may apply for sabbatical leave on conditions similar to those laid down for University Officers.

Other details

The appointment will be initially for five years. The Education Committee of the College will normally consider the case for reappointing the Lecturer to the retiring age during the fourth year of their tenure.

Application

Applicants should submit:

- a covering letter;
- a curriculum vitae, including a statement of qualifications, publications, and teaching experience;
- the names of three referees (at least one outside of Cambridge) who should be asked to submit references by the closing date.

Application should be made via the online application system at:

https://app.casc.cam.ac.uk/fas_live/trinmaths.aspx

The closing date for receiving applications is: Monday 15 April 2019.

Interviews are expected to be held on: Tuesday 30 April 2019.

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Senior Tutor
March 2019

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