



Stipendiary Lecturer (6hrs) in Mathematics (2 year fixed term appointment)

Oriel College seeks to appoint a Stipendiary Lecturer in Mathematics from 1 January 2025 to 31 December 2026, to cover for Professor Patrick Farrell. Candidates should hold or be studying for a doctorate in a relevant field of Mathematics, and should be able to demonstrate relevant teaching and administrative experience.

OVERVIEW OF THE COLLEGE

Oriel is a friendly and attractive College located right in the heart of Oxford. Founded in 1326 by King Edward II, it is one of the oldest Colleges in Oxford. The student body at Oriel is made up of undergraduates and postgraduates studying a wide variety of courses in a broad range of subjects. The students come from all kinds of schools, backgrounds and countries, and the College is committed to selecting the best applicants, based on academic achievement and potential, irrespective of educational background, gender or ethnicity. For further information about Oriel College see <http://www.oriel.ox.ac.uk>.

MATHEMATICS AT ORIEL

Oriel admits around 8-9 Mathematics students per year, including the joint schools of Mathematics & Computer Science and Mathematics & Philosophy. The tutorial team consists of Professor Patrick Farrell, Dr Kobi Kremnitzer, Professor James Sparks (currently on leave as head of department), Dr Aurelio Carlucci, and Mr Arun Raja.

Tutorials are organised within the college and conducted mainly by the tutorial team, though tuition on more specialised topics may be provided by tutors from other colleges, sometimes on a reciprocal basis. All teaching is planned well in advance and the students are provided with an overview plan of the teaching year, though of course individual tutors have scope to schedule tutorials at appropriate times and to adjust their teaching style and requirements for prepared work, according to their preferences and the needs of the students.

DUTIES OF THE APPOINTMENT

To act as a Stipendiary Lecturer in Mathematics with a stint of 6 hours per week:

1. To teach undergraduates at Oriel College, or students at other colleges in return for payment to be remitted to Oriel. Students should receive appropriate guidance for completing work in advance of tutorials and appropriate written feedback on written work submitted.
2. To organise and co-ordinate teaching arrangements with the mathematics tutorial team, and potentially share or occupy the Main Organising Tutor role.

3. To mark Collections (internal College exams) as required, and to write end of term Tutorial Reports on TMS.
4. To liaise as required with tutors in joint-school subjects (Computer Science and Philosophy).
5. To provide information as necessary on students' academic progress at meetings with the other tutors and at meetings of the College's Tutorial Committee.
6. To play a full part in the undergraduate admissions process, selecting candidates for interview, conducting interviews, and assisting in administration (full admissions training is provided).
7. To participate in College Open Days and other schools liaison or widening participation activities for the College.

SELECTION CRITERIA

- Candidates should be studying for or have completed a doctorate in a relevant field of Mathematics.
- Candidates should have demonstrable experience of effective small group teaching of students in a context comparable to that of the Oxford college system, and have an appreciation of the standards required for students to obtain good marks in each paper.
- Candidates should have demonstrable experience of relevant administrative abilities.
- Candidates must be able to teach the following Prelims subjects: Introductory Calculus, Multivariable Calculus, Computational Mathematics, Dynamics, Fourier Series and PDEs.
- Candidates must be able to teach the following Part A subjects: Differential Equations 1, Differential Equations 2, Fluids and Waves, Calculus of Variations.
- It would be desirable if candidates could teach Part A Numerical Analysis.
- It would be desirable if candidates had sufficient administrative experience and willingness to share or occupy the Main Organising Tutor role.

TERMS AND BENEFITS

The basic stipend will be according to the Senior Tutors' Committee recommended scale (on a pro rata basis currently £15,994 to £17,733 per annum, depending on experience). Contributory membership of USS (the Universities Superannuation Scheme) is also offered. The post holder will also be entitled to a research allocation of £987. The Lecturer will be entitled to free lunch and dinner at High Table, and membership of the Senior Common Room.

Informal enquiries may be made to Professor Patrick Farrell (patrick.farrell@oriel.ox.ac.uk).

Candidates should arrange for two letters of reference to be sent to recruitment@oriel.ox.uk by midday on 2 December 2024.

Oriel College, UK Registered Charity No. 1141976