

JOB DESCRIPTION

Job title	GRADUATE TEACHING AND RESEARCH SCHOLARSHIP
Department	Physics
Location	Oriel College, Oriel Square, Oxford OX1 4EW
Salary	Accommodation (or an allowance of £3,185, subject to increase) plus access to a research allocation of £513, membership of SCR and MCR and free meals in College, when the kitchen is open
Hours of work	3 to 4 contact hours per week
Contract type	Fixed-term for 3 years from October 2026
Reporting to	Prof Julien Devriendt

Overview of the role

Oriel College intends to appoint a Graduate Teaching and Research (GTR) Scholar in Physics, commencing in October 2026, or as soon as possible thereafter. Preference will be given to candidates who are able to teach some courses from among the Quantum Mechanics (A3), Special Relativity and Symmetry (B2) and Condensed Matter (B6) courses in the second and third year.

By October 2026, applicants will have completed at least one year of postgraduate study and will have embarked on a course leading to a DPhil in Physics at the University of Oxford. Applicants will normally be expected to have passed the Transfer of Status procedures by October 2026. Once appointed, the successful applicant will be expected to transfer their college membership to Oriel (with the permission of their current College). The successful candidate will also be required to take a course in tutorial teaching, if they have not already done so.

Responsibilities

To teach for the College for 3 to 4 contact hours per week and to pursue doctoral-level study in any area of Physics:

- a. To undertake teaching for 3 to 4 contact hours per week during term time to undergraduates at Oriel College. Teaching arrangements will be coordinated by the College tutors in Physics. Students should receive appropriate guidance for completing work in advance of tutorials and appropriate written feedback on written work submitted.

The precise teaching duties are flexible and can to some extent be adapted to the successful candidate's areas of expertise and experience. Preference will be given to candidates who are able to teach some courses from among the Quantum

Mechanics (A3), Special Relativity and Symmetry (B2) and Condensed Matter (B6) courses in the second and third year.

- b. To set and mark Collections (beginning of term internal College exams) as required, and to write end of term Tutorial Reports on the TMS system.
- c. To play a part in the organisation of the subject within the College and may be asked to take part in undergraduate admissions (normally Weeks 9/10 of Michaelmas Term). Admissions training will be provided
- d. To liaise with other College staff about addressing any pastoral problems which may arise amongst your students.

Selection criteria

- Applicants will have completed at least one year of postgraduate study and will have embarked on a course leading to a DPhil in Physics at the University of Oxford.
- Applicants will be expected to have a strong ongoing research programme in Physics.
- Applicants will be expected to demonstrate interest and ability in undergraduate teaching, and in mentoring and guiding students in their studies.
- Teaching experience would be an advantage.
- Teaching interests from among the areas listed under Duties above

Terms and Benefits

The GTR Scholar will be paid for tutorial teaching and admissions at the hourly standard tuition rates as set by the Senior Tutors' Committee. The Scholar will receive free accommodation (or an allowance of £3,185 per annum if living outside college accommodation) and will also have access to a research allocation of £513 per annum. In addition, the postholder will be a member of both the Oriel Senior Common Room and the Middle Common Room and will be entitled to free lunches and dinners up to a maximum of 24 per term in the Senior Common Room (lunch) or at High Table in the Hall (dinner), and 3 meals per week during the vacation in the SCR or Hall.

About Oriel

Oriel College is the 5th oldest Oxford College of the 39 self-governing and independent colleges within the University of Oxford and the oldest Royal Foundation; in 2026 we are celebrating our 700th birthday. Described by our students as 'the perfect size', with around 600 students we're slightly smaller than the average Oxford college, and our community is tight knit and friendly. Oriel brings together a world-class academic community of leading academics and researchers with high achieving and motivated students, underpinned by around 120 people working in the professional support teams.

Located right in the middle of Oxford in beautiful buildings, the College has a rich history and has been home to Saint John Henry Newman, Saint Thomas More, Sir Walter Raleigh and two Nobel laureates, amongst many other influential thinkers.

For more information about Oriel College, please visit <https://www.oriel.ox.ac.uk/>

Physics at Oriel

The person appointed will be one of five Tutors in Physics attached to Oriel, the other four being Prof Andrew Boothroyd, Prof Julien Devriendt, Dr Andrew Wells and Ms Emma Belhadfa.

Oriel admits seven undergraduates in Physics and Physics & Philosophy each year. Students follow either the three-year BA or the four-year MPhys course. Undergraduates studying Physics at Oxford are taught in two ways: through lectures and practicals (organized by the Department of Physics) and through college tutorials and classes (arranged by College Tutors). Our students are typically very able, committed, and well-motivated. Teaching them in very small groups (a tutorial typically involves a tutor and two or three students) allows one to respond directly to students' ideas, to tailor one's teaching to the different interests and enthusiasms of individual students, and to develop the links between the different elements of the Physics course. Tutors at Oxford give tutorials both in the areas of their own research and in other areas that they are interested in and knowledgeable about, but that are not necessarily the focus of their current research.

How to Apply

Applicants should submit an Application Form and an Equal Opportunities Monitoring Form (optional). The application should include a CV giving a brief summary of the applicant's career with details of their education and teaching experience; a covering letter outlining their reasons for applying, their teaching experience, and their research interests; and names and contact details of two referees (one on whom should be a current research supervisor). Candidates are asked to ensure that their referees are willing to provide references should the candidate be shortlisted. It is anticipated that interviews will be held in the period of 26 June to 3 July 2026.

Closing date: Only applications received by 17:00 on Thursday 18 June 2026 will be considered.

Informal enquiries may be made to Prof Julien Devriendt (julien.devriendt@physics.ox.ac.uk), Dr Andrew Wells (andrew.wells@physics.ox.ac.uk), or Prof Andrew Boothroyd (andrew.boothroyd@physics.ox.ac.uk).

Pre-Employment Screening

All appointments are subject to proof of the candidate's legal right to work in the UK and receipt of satisfactory references.

You will also be asked to complete a health declaration so that you can tell us about any health conditions or disabilities for which you may need us to make appropriate adjustments.

Data Protection

Please note that any personal data submitted to the College as part of the job application process will be processed in accordance with the GDPR and related UK data protection legislation.

The College exists to promote excellence in education and research and is actively committed to the principle of equality of opportunity for all suitably qualified candidates