



# TRINITY COLLEGE

## UNIVERSITY of OXFORD

### **Further Particulars for Fixed-Term, Part-Time Stipendiary Lectureship in Probability and Statistics**

Trinity College invites applications for a Stipendiary Lectureship in Material Science, for Michaelmas and Hilary term 2024-25 (01/10/2024 – 31/05/2025) with the potential for renewal for one further term. The Lecturer will primarily liaise with Professor Jan Czernuszka, the Tutorial Fellow and Subject Tutor in Materials Science. The Lecturer will take on an average of 6 weighted hours teaching per week for students at Trinity College, for students of Materials Science.

### **Teaching of Materials Science at Trinity College**

Trinity College admits around 6 students a year to read Materials Science. The teaching required is primarily for first- and second-year undergraduate students for selected topics in the Materials Science curriculum. Further information regarding this is available in Appendix A at the end of this document.

### **Duties of the Lecturer**

- to be responsible for teaching selected Materials topics to the first a Trinity students;
- to teach 6 weighted hours a week, averaged over the three eight-week terms. (Due to the timing of lectures this is likely to be spread slightly unevenly between the terms). The number of contact hours is somewhat reduced where the teaching is in pairs or larger groups. For example, teaching a pair for one hour counts as 1.25 weighted hours, and teaching a group of three counts as 1.5 weighted hours;
- to undertake other duties connected with the Materials course, such as participating in the undergraduate admissions exercise, which takes place annually in December, and taking part in college Open Days.

### **Selection Criteria**

- education to degree level in Material Science; research in a relevant area of Material Science; a doctorate or substantial progress towards a doctorate.
- some experience of tutorial teaching in the relevant subject areas would be an advantage;
- ability and willingness to undertake the associated duties as specified above.

### **Term of appointment**

This is a fixed-term appointment for one year from 01/10/2024 – 31/05/2025 with the potential for renewal until 30/09/2025.

### **Stipend**

The starting salary is pro rata at point 23-27 (depending on experience) on the HE single pay spine.

The current annual salary will be £14,881- £16,674 *pro rata* for the 6 weighted hours.

Marking and preparation, attendance at Open Days, admissions interviews and similar duties are covered by the stipend.

### **Other benefits**

- The appointed lecturer will be able to book a pooled teaching room in Trinity College for tutorials.
- Membership of the Senior Common Room (SCR) will be provided free of charge.
- The appointed lecturer will be entitled to 5 lunches and 3 dinners, free of charge, per week at the Common Table (SCR) during term time and vacation, except when the kitchens are closed.
- There will be a small research allowance of £300 *pro rata* to cover research expenses not obtainable from other sources.

Please note that this post does not carry a housing allowance, and no College accommodation would be available.

### **Right to work**

The appointment will be subject to the provision of proof of the right to work in the UK.

### **How to apply**

Candidates should submit the following documents electronically to the Academic Administrator ([academic.administrator@trinity.ox.ac.uk](mailto:academic.administrator@trinity.ox.ac.uk)):

- a short letter outlining how they believe they meet the criteria set out for the post;
- an academic CV;
- the names of two referees who should be asked by the candidate to email their references directly to the Academic Administrator. **It is the responsibility of the candidate to ensure that the references arrive by the closing date.**

The closing date for applications is **12 noon (UK time) on Wednesday 5<sup>th</sup> June 2024.**

### **Appointment Process**

We expect to hold **interviews on Monday 17<sup>th</sup> June 2024.** Candidates invited for interview will be asked to give a brief teaching presentation on a topic from the current first-year course in Probability. Further details will be given to those shortlisted.

*Trinity College is an equal opportunities employer. Entry into employment within the Colleges and progression within employment will be determined only by personal merit and the application of criteria that are related to the duties of each particular post and the relevant salary structure. Subject to any statutory provisions, no applicant or member of staff will be treated less favourably than another because of their age; colour; disability; ethnic origin; marital status; nationality; national origin; parental status; race; religion or belief; gender or sexual orientation. In all cases, ability to the job will be the primary consideration.*

## Appendix A: Subject Areas to be Covered

### **1<sup>st</sup> Year**

#### **Materials Science 1: Physical Foundations of Materials**

The Study of Crystalline Materials by Diffraction

#### **Materials Science 3: Transforming Materials**

Thermodynamics

Microstructure and Processing of Materials I

Electrochemistry

Microstructure and Processing of Materials II

### **2<sup>nd</sup> Year**

#### **General Paper 1:**

Selection and Production of Engineering Materials

Processing for Control of Materials Properties and Performance

Materials End-of-Life

#### **General Paper 2:**

Semiconductor Materials and Devices

#### **General Paper 4:**

Structural and Compositional Characterisation of Materials

Phase Transformations

Additional information is available on the Materials Science website here:

<https://www.materials.ox.ac.uk/teaching/ug/uglectures.html>.