



## Further Particulars for Reuben College Official Fellowships in AI & Machine Learning

Reuben College seeks to recruit two Governing Body Fellowships within its theme of 'AI & Machine Learning' (broadly conceived) starting September 2026.

Within the next two years, as Reuben embarks on its final stage of student numbers growth, the College seeks to expand from a Governing Body Fellowship of 50+ to 65, matching its student headcount of 650. By October 2027, Reuben will have reached its target student number, having admitted its first students in October 2021, and will begin a new phase under the leadership of a new Head of House - the inaugural College President, Professor Lord (Lionel) Tarassenko having by then completed an 8-year term of office. At this critical stage we are seeking to expand and consolidate the College's distinctive interdisciplinary themes – around which many College activities are organised. In addition to candidates with **Machine Learning** expertise, we are also looking for candidates with expertise in **Quantum Computing, Cybersecurity, Multi-agent Systems, Robotics, Control Systems**, and **Photonics**, to expand and complement the academic interests of current members of the AI & Machine Learning theme, the long-term ambition being to include a range of 21<sup>st</sup>-century technologies within the theme.

Fellowship duties at Reuben are not insignificant – they are 'hands-on' positions for a College still growing towards steady-state, and all Fellows are expected and encouraged to be consistently and proactively involved, alongside their Departmental positions, in student engagement, College events, and with varied aspects of College leadership and support.

Candidates are welcome from across the University and all Divisions, but will be expected to show how their experience fits the planned expansion of the AI & Machine Learning theme, and how they will be able to support students, particularly from the Maths, Physical and Life Sciences Division.

To be eligible applicants must be currently employed by the University in an RSIV, Grade 10, or 9 post, or in an 8 post – if they are an independent researcher in an area related to the relevant theme.

Successful candidates will be elected to a Fellowship on a five-year renewable basis, with a mid-term review, and with renewal dependent on satisfactory performance in college duties. Official Fellows will receive College membership and benefits including an annual allowance (of currently £3,000 per annum). However, a Fellowship at the College does not itself constitute employment and does not confer any rights to employment with the University.

To apply, please send a (maximum) 10-page CV and covering letter to the President's Executive Assistant ([president-pa@reuben.ox.ac.uk](mailto:president-pa@reuben.ox.ac.uk)) **by 9am on Wednesday 1<sup>st</sup> July**.

This CV, attached as a pdf, should include your publications list, and a supporting statement (a) specifying your relevant skills and experience; and (b) describing how you would be able to contribute to the college.

**Interviews for shortlisted candidates are likely to be held on 20<sup>th</sup> July 2026.**

Full Further Particulars for the posts follow below.

June 2026

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## I Reuben College

### I.I The vision

There are 39 self-governing and independent colleges at Oxford, giving both academic staff and students the benefits of belonging to a small, interdisciplinary community, as well as to a large, internationally renowned institution. The collegiate system fosters a strong sense of community, bringing together leading academics and students across subjects, and from different cultures and countries.

The founding of Reuben College in 2019, supported by a generous benefaction from the Reuben Foundation of £71 million (including £15 million for graduate scholarships), has offered an exciting opportunity to bring together researchers and postgraduate students focused on exploring some of the most important questions of the 21st century. Reuben College provides an environment that stimulates and facilitates interdisciplinary research, while emphasising the qualities of innovation, leadership and entrepreneurship, and of public engagement with research. It supports a community of Fellows and graduates who embrace opportunities to interact with researchers beyond the boundaries of their own disciplines and to engage with colleagues beyond the realm of academia.

### I.II Strategic and Academic Themes

Reuben College is committed to maintaining an inclusive and internationally excellent research environment; it expects its Fellows to be active in research and to contribute to a high-quality

learning experience for its student body. In selecting Fellows, the Selection Committees will have regard for promoting a diversity of perspectives and approaches, with College Fellows together fostering a culture of interdisciplinary exchange for its students through regular college events, such as seminars, workshops and working lunches.

To promote the ethos and practice of interdisciplinary interaction, there is currently a focus on four research clusters, whose themes have been chosen for their wide reach across the University, their strongly interdisciplinary nature, Oxford's existing and potential strengths in these areas, and their innovation and entrepreneurship potential. These clusters focus on the topics of (a) [Artificial Intelligence & Machine Learning](#), (b) [Environmental Change](#), (c) [Cellular Life](#), and (d) [Values & Society](#). The four clusters have natural synergies, enabling cross-cutting discussions and research collaborations to emerge. Each of the four areas is interpreted as broadly as possible, with the AI & ML theme expanding into other 21<sup>st</sup> century technologies as described above. The four themes are complemented by two strategic strands: in [Innovation and Entrepreneurship](#) and in [Public Engagement in Research, Culture & Heritage](#).

### I.II.I Theme Recruitment

In this recruitment round the College is particularly interested to receive applications from those working in the areas outlined below, always broadly interpreted and with inter-disciplinarity in mind. The interests and departments of current Fellows in each theme can be found on the College's website: [People | Reuben College](#), filtering by theme and 'person type'.

#### *Vacancies in AI & Machine Learning Theme (2 posts)*

Advances in AI are transforming the way we live and work, creating extraordinary opportunities that benefit humankind but also posing significant risks and complex ethical challenges. The University of Oxford is one of the world's leading centres for AI and machine learning research, addressing problems of global significance from billions of data streams, people and sensors.

We have a broad range of AI and machine learning (ML) expertise among our Official Fellows, who are using their research to improve clinical decision-making systems, exploit AI-based medical imaging techniques, analyse large-scale complex systems such as transport and energy, and to observe and model climate change, among other areas.

In addition to expanding our expanding AI and ML expertise, we are looking to broaden the theme into other 21<sup>st</sup> century technologies and we would also welcome applications from candidates having expertise in any of the following areas: Quantum Computing, Cybersecurity, Multi-agent Systems, Robotics, Control Systems, and Photonics.

Students at Reuben College will benefit from this rich and wide-ranging experience, as the College facilitates reading groups, film clubs, workshops and training programmes (for example, hackathons) to engage students, as well as build their capacity for applying AI tools and other 21<sup>st</sup> century technologies within their own areas of interest.

Our aim has been to build a truly cross-disciplinary community of people with expertise in developing AI and machine learning algorithms, as well as those working on a wide range of applications, from finance to healthcare, the environment or robotics, including philosophers working in philosophy of mind, and we are now expanding the reach of the theme as we approach the steady-state number of Governing Body Fellows.

## II Official (Governing Body) Fellowships

### II. I College Duties

As a Fellow of Reuben College the postholder will have a role to play in the governance of the College as a member of its Governing Body and subsidiary committees, and in the support of its graduate students and diverse interdisciplinary activities, as outlined below:

- To act as adviser to a number of Reuben College graduate students (currently each Governing Body Fellow is assigned 10 advisees each year), with specific termly duties entailed in this.
- To play a full role in the life and administration of the College. This will include taking part in public engagement projects and events, development, access and outreach work, and/or other projects and activities which help to sustain a thriving college community.
- To regularly attend academic and social events organised by the College or other Fellows, and to support in the organisation of these as appropriate.
- To organise and lead occasional College seminars, workshops and lectures, as appropriate.
- To be an active and engaged member of its Governing Body and relevant sub-committees, attending the majority of scheduled committee meetings of which the Fellow is a member.
- To hold College Officerships from time to time – posts that rotate across the Fellowship and which entail specific responsibilities appropriate to the post, normally for a three-year period.
- To be involved in recruitment and in mentoring of the College's Research Fellows (post-docs), or other early career post-holders, as appropriate.
- To undertake regular training as required by the College, including holding an understanding of the University's obligations under the Equality Act 2010 and the Public Sector Equality Duty.

Fellows may not hold a Governing Body Fellowship at any other college concurrently with their Fellowship at the College. However, since the College is at present a Society of the University, it does not hold charitable status in its own right, and so Reuben College Fellows are not charitable trustees of the College.

### II.II College Benefits, Terms and Conditions

Successful candidates will be elected to a Fellowship on a five-year renewable basis, with a midterm review, and with renewal dependent on satisfactory performance in college duties. However, a Fellowship at the College does not itself constitute employment and does not confer any rights to employment with the University. Fellows are required to inform the President and Senior Tutor of the College if they are given notice under their University contract of employment: any Fellowship will expire automatically on the same date as the expiry of a contract of employment with the University.

Official Fellows will receive the following benefits:

- An annual allowance (of currently £3,000 per annum). This can be paid either directly (for non-Tier 2 postholders only, and thus will be taxable), or as a research allowance (to support, for example, conferences, events, or research costs).
- Subsidised dining and luncheon rights (in accordance with the facilities available at the time).
- The right to bring guests to college meals, subject to capacity, and at their own costs.
- Membership of the Common Room.

Benefits will continue as normal during any period of family leave, or sickness absence but will be suspended for the period of any research leave, other paid leave (excepting the above), or unpaid leave of 12 months or more, taken by an Official Fellow (Governing Body Fellow), during which time they choose not to fulfil their college duties. All decisions in these regards will be taken by the President in consultation with the Senior Tutor, with a view to promoting fairness and consistency of treatment amongst the Fellows.

As an Official Fellow, the postholder will be a member of the College's Governing Body and is required to hold the Fellowship under the terms of the College Statutes and By-laws in force. All Fellows are thus bound by the relevant policies and procedures of the College as published on the College's website and in internal directories

## III. Applications

### III. I Eligibility

This is not an employment position and to be eligible applicants must be currently employed by the University in an RSIV, Grade 10, or 9 post, or in an 8 post if they are an independent researcher in an area related to the relevant Reuben theme. Tier 2 postholders are welcome to apply - this is not an employment position and should not necessitate a new visa application. (This also means that the College would not be able to act as sponsor for any visa renewal.)

Candidates with University contracts of less than five years are welcome to apply, with College election then coterminous with that shorter contract. The Selection Committee will however have regard for continuity in the college fellowship, and particular for provision for its graduate students. University postholders who do not hold a contract for beyond October 2029 are thus unlikely to be elected.

Those who already have a Governing Body Fellowship with another college or society will not be eligible.

If you have any questions about your eligibility, please contact the College's Senior Tutor ([senior.tutor@reuben.ox.ac.uk](mailto:senior.tutor@reuben.ox.ac.uk)).

### III.II Person specification & Selection Criteria

Applicants will be assessed on their eligibility, their ability to perform those duties specified above, and the College's need for intellectual diversity and excellence within the advertised themes.

Candidates are thus encouraged in their applications to include evidence of the following:

- A record of research leadership and an academic reputation commensurate with that of a Senior Research Fellow or Professor/Associate Professor, in a relevant area
- Research interests which complement those of the Fellowship at Reuben within the relevant theme and which support its growing student body
- Strong commitment to, and track record in, interdisciplinary research
- An ability to foster a collaborative and inclusive environment for people from different backgrounds.
- Willingness and capacity to act as the college adviser for Reuben College graduate students
- Enthusiasm for working with colleagues from other Departments and Divisions, including the Gardens, Libraries and Museums, as well as researchers from centres of excellence outside the University, in the setting up and delivery of interdisciplinary

- activities within the college (for example seminars and workshops)
- Ability to work effectively as part of a small, collaborative team, to influence and to build consensus
  - Strong communication skills, both written and oral
  - Ability to build relationships at all levels, to network effectively and to inspire confidence in students and colleagues
  - As appropriate, a commitment to outreach, knowledge exchange, public engagement, and/or promoting innovation.

### III.III Equality, Diversity & Inclusiveness

As a new college, we are building a community of people and practice that has diversity at the heart, for students and staff, for our academic and applied endeavours. This gives all our members both the opportunity and the shared responsibility to shape the culture and ethos of our community. Our commitment to equality and diversity goes hand in hand with our commitment to academic freedom and freedom of speech, as set out in the University's Equality Policy and Equality, Diversity and Inclusion Strategic Plan.

Through every one of its events, committees, procedures and practices, the growing community of Reuben College aims to create an environment in which everyone can take advantage of the unique opportunities that living, working and studying in Oxford can bring, whatever their background. We hope that, as our community grows, all members continue to work towards ensuring equity of opportunity for each individual, without exception.

### III.IV How to apply

To apply, please send a (maximum) 10-page CV and covering letter to the President's Executive Assistant ([president-pa@reuben.ox.ac.uk](mailto:president-pa@reuben.ox.ac.uk)) **by 9am on Wednesday 1<sup>st</sup> July**. This CV, attached as a pdf, should include your publications list, and a supporting statement (a) specifying your relevant skills and experience; and (b) describing how you would be able to contribute to the college:

- Given the overall limit of 10 pages, you may not be able to include your complete list of publications, in which case you should select the ones which are most relevant to your application.
- The supporting statement should explain how you meet the selection criteria for the post, using examples of your skills and experience.

Please include contact details for two referees, one of whom should be your current Head of Department or equivalent. Referees will be contacted for shortlisted candidates only – please confirm if you consent for them to be contacted at that time.

Applicants are also asked to complete an [equality form](#) for monitoring purposes only; these forms will not be viewed by members of the Selection Committee.

It is anticipated that interviews for shortlisted candidates will take place in person on **20<sup>th</sup> July 2026**.