



Job Description and Selection Criteria

Post	Associate Professorship (or Professorship) of Systems
Department	Computer Science, Wolfson Building, Parks Road, Oxford
Division	Mathematical, Physical and Life Sciences
College	Magdalen College
Contract type	Permanent upon completion of a successful review. The review is conducted during the first 5 years.
Salary	Salary from £48,835 p.a. plus accommodation in the College or College housing allowance of £15,000 p.a., and access to housing loan scheme. An allowance of £2,846 p.a. would be payable upon award of Full Professor title.
Vacancy Number	154652

Overview of the post

The Department of Computer Science and Magdalen College wish to recruit an Associate Professor or Professor of Systems. The successful candidate will be appointed to a Tutorial Fellowship in Computer Science at Magdalen College. The post has a preferred start date of 1st September 2022.

The successful candidate will join Oxford's vibrant and rapidly growing Department of Computer Science. They will be part of the Cyber Physical Systems Research Group, which is expanding its remit to include a wider spectrum of systems research. The successful candidate will have a first rate research track record in Computer Science in the area of systems. At Oxford, you will benefit from a rich academic environment and a diverse computer science research community.

If you would like to discuss this post and find out more about joining the academic community at Oxford, please contact Professor Leslie Ann Goldberg at head-of-dept@cs.ox.ac.uk ; if you have questions about the Tutorial Fellowship at Magdalen College, please contact Dr Mark Pobjoy, Senior Tutor of Magdalen (mark.pobjoy@magd.ox.ac.uk).

All enquiries will be treated in strict confidence and will not form part of the selection decision.

You will be expected to engage in independent and original research, to secure funding and engage in the management of research projects, and to disseminate research of the highest international standard



through high-quality scholarly journals and conferences. You will also contribute to teaching on the Department's highly successful undergraduate and graduate programmes. You will be encouraged to participate in the academic life of the College, and within the College will be responsible for the organisation, supervision, and teaching of Computer Science jointly with the existing Tutorial Fellow in Computer Science, Professor Rahul Santhanam.

The University of Oxford is a member of the [Athena SWAN Charter](#) and holds an institutional Bronze Athena SWAN award in recognition of its efforts to introduce organisational and cultural practices that promote gender equality in SET and create a better working environment for both men and women.

Information about Athena Swan in MPLS can be found at <http://www.mpls.ox.ac.uk/equality-and-diversity/athena-swan>.

The role of Associate Professor at Oxford

Associate Professor is the main academic career grade at Oxford with a focus on research and teaching, spanning the full range of professor grades in the USA. Associate Professors are appointed jointly by a University department/faculty and an Oxford college, and you will have a contract with both.

Associate Professors are full members of University departments/faculties and college governing bodies playing a role in the democratic governance of the University and their college. You will join a lively, intellectually stimulating and multi-disciplinary community, which performs to the highest international levels in research and teaching, with extraordinary levels of innovation, creativity and entrepreneurship.

There is considerable flexibility in the organisation of duties, with three 8-week undergraduate teaching terms and generous sabbatical leave to balance teaching and research (please see the Benefits, Terms and Conditions section for further details of sabbatical leave). There is the potential for temporary changes to the balance of duties between College and University to enable a focus on different aspects of work at different stages in your career.

Oxford offers many opportunities for professional development in research and teaching. Associate Professors may apply for the title of full Professor in annual exercises. If the title is conferred, you will also have access to professorial merit pay opportunities. In exceptional cases, the title of full Professor may be awarded on appointment.

Appointments are confirmed as permanent on successful completion of a review during the first five years. The vast majority of Associate Professors successfully complete this initial review.

Duties of the post

The main duties of the post are as follows:

The Associate Professor will be a member of both the University and the College community. You will be part of a lively and intellectually stimulating research community, which performs to the highest international levels in research and publications and will have access to the excellent research facilities, which Oxford offers. You will have a role to play in the running of the College as a member of its Governing Body.

For the University the post-holder will be expected:

Research

- to engage in original research in the field of computer science, with an emphasis on systems research

- to secure research funding and engage in the management of research projects
- to disseminate their research through publication in high-quality scholarly journals and conferences
- to participate in research seminars and in knowledge transfer activities where appropriate

Teaching

- to carry out teaching at undergraduate and graduate level including lectures, classes, demonstrations, and project supervision, under the direction of the Head of Department;
- to supervise research students

Examining

- to take part in University examining as and when requested to do so

Administration

- to participate in the administration of the department as and when requested by the Head of Department.
- to take part in the administration and governance of the College by participation in the Governing Body and other committees.

For the College the post-holder will be expected:

- to engage in advanced study and research;
- to give six weighted hours (equating to four or five contact hours) per week of tutorials during the eight weeks of full term, averaged over the three terms of the year;
- to take responsibility (shared with other Magdalen tutors) for the selection, teaching, and pastoral care of undergraduates in Computer Science at the College;
- to take part in selecting and to act as Adviser to the College's graduate students in the relevant subject(s);
- to participate in the intellectual life and academic activities of the College;
- to take part in the running of the College as a member of the Governing Body and a Charity Trustee.

Hazard-specific / Safety-critical duties

This post includes the following hazards or safety-critical activities, which may require successful pre-employment health screening through our Occupational Health Service before you will be allowed to start work:

- Lone Working

Selection criteria

Your application will be judged only against the criteria that are set out below. You should ensure that your application shows clearly how your skills and experience meet these criteria.

The University is committed to fairness, consistency and transparency in selection decisions. Members of selection committees will be aware of the principles of equality of opportunity, fair selection and the risks of bias. There will be both female and male committee members wherever possible.

If, for any reason, you have taken a career break or have had an atypical career and wish to disclose this in your application, the selection committee will take this into account, recognising that the quantity of your research may be reduced as a result.

The successful candidate will demonstrate the following.

Essential

- A doctorate in the field of computer science or cognate discipline
- A proven research track record of internationally high quality in Computer Science in the area of systems
- Ability to attract research funding and develop an independent programme of research
- Experience of teaching excellence, or the potential for excellence, at teaching, both at undergraduate and graduate level, a wide range of Computer Science topics including, but not limited to, Computer Science systems
- Experience teaching Computer Science (or closely related subjects)
- Ability to supervise graduate students
- Excellent interpersonal skills necessary for undertaking tutorial teaching and the pastoral care of students
- Ability and willingness to undertake effectively the full range of administrative duties both within the department and the College

Desirable

- An excellent track record of obtaining research grants
- Wide experience of Computer Science teaching
- Experience of research collaborations at national and international level
- Experience of supervising research students

How to apply

To apply, visit the link:

https://my.corehr.com/pls/uoxrecruit/erg_search_version_4.start_search_with_params?p_company=10&p_internal_external=E&p_display_in_irish=N&p_competition_type=AC&p_force_type=E

Click on the relevant post title, then click on the **Apply Now** button on the 'Job Details' page and follow the on-screen instructions to register as a new user or log-in if you have applied previously. Please refer to the "Terms of Use" in the left hand menu bar for information about privacy and data protection.

Please provide the names and addresses of three referees. It is not necessary to name a referee from your current institution. **Candidates should also ask their referees to send their references directly to hr@cs.ox.ac.uk by the closing date given below.** Please note that you may be at a disadvantage if your referees do not provide a reference in time. Candidates should supply each referee with a copy of this job description. *The Department of Computer Science wishes to take this opportunity to thank, in advance, those referees who write on behalf of applicants.*

You will also be asked to upload a CV and a supporting statement *and both a teaching and a research statement (the latter of 3 pages each, maximum)*. The supporting statement should explain how you meet the selection criteria for the post using examples of your skills and experience. This may include experience gained in education, employment or during career breaks (such as time out to care for dependants).

Your application will be judged solely on the basis of how you demonstrate that you meet the selection criteria stated in the job description.

The University and colleges welcome applications from candidates who have a disability or long-term health condition and is committed to providing long-term support. The University's disability advisor can

provide support to applicants with a disability, please see <https://edu.admin.ox.ac.uk/disability-support> for details. Please let us know if you need any adjustments to the recruitment process, including the provision of these documents in large print, audio or other formats. If we invite you for interviews, we will ask whether you require any particular arrangements at the interview. The University Access Guide gives details of physical access to University buildings <https://www.accessguide.ox.ac.uk/>.

Teaching commitments are mainly concentrated into Oxford's three 8-week undergraduate teaching terms, making it easier to balance teaching and research. There is considerable flexibility in the organisation of duties, and generous sabbatical leave.

Please upload all documents as **PDF files** with your name and the document type in the filename.

All applications must be received by **12.00 noon** on **4th February 2022** as detailed in the online advertisement.

Should you experience any difficulties using the online application system, please email recruitment.support@admin.ox.ac.uk. Further help and support is available from <https://hrsystems.admin.ox.ac.uk/recruitment-support>. To return to the online application at any stage, please log back in and click the "My applications" button on the left hand side of the page

Please note that you will be notified of the progress of your application by automatic emails from our e-recruitment system. **Please check your spam/junk mail** regularly to ensure that you receive all emails.

All shortlisted candidates will be interviewed and will be asked to give both teaching and research presentations to the committee as part of the interviews, which will take place on **30th March 2022**. It is intended that the post will be offered as soon as possible after the interviews. The successful candidate will be expected to start no later than 1 September 2022.

Department of Computer Science

The Department of Computer Science was established in 1957, making it one of the longest-established Computer Science departments in the country. It is one of the UK's leading Computer Science Departments (ranked first in a number of international rankings). The UK Research Excellence Framework (REF) in December 2014 resulted in 74 members of the Department having 53% of their research activity ranked in the top category of 4* (world-leading). Overall, we received an average of 3.34 across the Department (3* being internationally excellent). A significant majority of the Department are active in externally sponsored research, with both government and industrial funding. At present, there are 72 members of academic staff and 80 research staff.

The Department has close links with government, industry, and other departments within the University. Among the latter are Mathematics, Engineering, Physics, Statistics and a number of life sciences departments. The Department is housed across multiple sites within the University's South Parks Road Science Area, facilitating strong collaborative links with research groups and institutes in closely allied areas (including the Oxford Internet Institute and the Oxford e-Research Centre). This is an essentially interdisciplinary activity which is at present attracting major funding from a number of sources. At present, the Department holds over £50m in external research contracts.

Research in the Department is currently managed in ten themes:

- *Algorithms & Complexity Theory* focusses on determining the inherent difficulty of computational problems, classifying problems according to this inherent difficulty, and designing and analysing algorithms that use computational resources as efficiently as possible;
- *Artificial Intelligence & Machine Learning* focuses on theoretical foundations, multiagent systems, deep learning and computational linguistics;

- *Automated Verification* investigates theory and practice of formal verification and correct-by-construction synthesis for software and hardware systems;
- *Computational Biology & Health Informatics* is concerned with computational approaches for biomedical research and healthcare innovation;
- *Cyber-Physical Systems* is focusing on intelligent and autonomous sensor systems with applications in positioning, healthcare, environmental monitoring and smart cities;
- *Foundations, Structures and Quantum* embraces interdisciplinary research, and has a particular interest in structural foundations of quantum computation;
- *Human-Centred Computing* includes human-computer interaction, social computing and world-wide web;
- *Data and Knowledge* includes databases, knowledge representation and reasoning;
- *Programming Languages* includes functional programming, program analysis, and programming language foundations;
- *Security* specialises in cybersecurity, protocol analysis, systems security, trusted computing, human-centred security, and networking.

For more information, please visit: <http://www.cs.ox.ac.uk/>.

The Mathematical, Physical and Life Sciences Division

The Mathematical, Physical, and Life Sciences (MPLS) Division is one of the four academic divisions of the University. Oxford is widely recognised as one of the world's leading science universities and the MPLS Division is home to our non-medical sciences, with 10 academic departments that span the full spectrum of the mathematical, computational, physical, engineering and life sciences, and undertake both fundamental research and cutting-edge applied work. Our research tackles major societal and technological challenges – whether developing new energy solutions or improved cancer treatments, understanding climate change processes, or helping to preserve biodiversity, and is increasingly focused on key interdisciplinary issues. We collaborate closely with colleagues in Oxford across the medical sciences, social sciences and humanities, and with other universities, research organisations and industrial partners across the globe in pursuit of innovative research geared to address critical and fundamental scientific questions.

The disciplines within the MPLS Division regularly appear at the highest levels in world rankings, with Oxford's Mathematical, physical and life sciences research judged best in the country according to the 2014 REF assessment exercise carried out by the Higher Education Funding Council for England (HEFCE).

MPLS is proud to be the home of some of the most creative and innovative scientific thinkers and leaders working in academe. Our senior researchers have been awarded some of the most significant scientific honours and we have a strong tradition of attracting and nurturing the very best early career researchers who regularly secure prestigious fellowships and faculty positions. MPLS continues in its work to support diversity in its staffing, seeing that it will bring benefits to all, and we are pleased to note that all academic departments in the Division hold Athena Swan Awards.

We have around 7,000 full and part-time students (including approximately 3,500 graduate students) and play a major role in training the next generation of leading scientists. Oxford's international reputation for excellence in teaching is reflected in its position at the top of the major league tables and subject assessments. MPLS academics educate students of high academic merit and potential from all over the world. Through a mixture of lectures, practical work and the distinctive college tutorial system, students develop their ability to solve diverse mathematical, scientific and engineering problems.

MPLS is dedicated to bringing the wonder and potential of science to the attention of audiences far beyond the world of academia. We have a strong commitment to supporting public engagement in science through initiatives including the Oxford Sparks portal (www.oxfordsparks.ox.ac.uk) and a large

variety of outreach activities; these are crucial activities given so many societal and technological issues demand an understanding of the science that underpins them. We also bring the potential of our scientific efforts forward for practical and beneficial application to the real world and our desire, aided by the work of Oxford University Innovation and Oxford Sciences Innovation, is to link our best scientific minds with industry and public policy makers.

For more information about the MPLS division, please visit: www.mpls.ox.ac.uk

Magdalen College

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.

Magdalen College was founded in 1458 by William Waynflete, Bishop of Winchester, and Lord Chancellor, on the site of the Hospital of St John, just outside Oxford's East Gate, near the centre of the city. Magdalen has many traditions, but enjoys a modern outlook. Its top priorities are academic excellence and the fostering of a supportive and inclusive community, and it is committed to the tutorial system as a personalised and intellectually challenging method for undergraduate teaching. It also seeks to provide an outstanding environment in which graduate students may flourish. At any one time there are approximately 400 Magdalen undergraduates and 230 graduates, and the College has recently agreed a major expansion in its graduate numbers over the next ten years. The Governing Body of Magdalen College consists of the President and 70 Fellows, including Tutorial Fellows, Professorial Fellows, and Fellows by Examination (Junior Research Fellows). The President of the College is Dinah Rose, QC. The College has a strong representation in Mathematical, Physical, and Life Sciences, and in Medical Sciences. Further information is available on the College website at: www.magd.ox.ac.uk/people-at-magdalen/.

The College has recently agreed a strategic partnership with an affiliate of GIC for the accelerated development of The Oxford Science Park, which was founded by the College in 1991 and is one of Europe's leading science parks, renowned for its medical and life sciences technology firms: see <https://oxfordsp.com/>.

The person appointed will teach Magdalen undergraduates reading for the degree in Computer Science and the degree in Mathematics & Computer Science, and will share in organising the degrees at the College with the other Tutorial Fellow in Computer Science and the Tutorial Fellows in Mathematics. The College would generally expect to admit approximately seven undergraduates each year to read for these degrees, and also admits a varying number of graduate students across a broad range of programmes in the Mathematical, Physical, and Life Sciences. Detailed terms and conditions of the Tutorial Fellowship at Magdalen College are given below.

About the University of Oxford

Oxford's departments and colleges aim to lead the world in research and education for the benefit of society both in the UK and globally. Oxford's researchers engage with academic, commercial and cultural partners across the world to stimulate high-quality research and enable innovation through a broad range of social, policy and economic impacts.

Oxford's self-governing community of international scholars includes Professors, Associate Professors, other college tutors, senior and junior research fellows and over 2,500 other University research staff. Research at Oxford combines disciplinary depth with an increasing focus on inter-disciplinary and multi-disciplinary activities addressing a rich and diverse range of issues.

Oxford's strengths lie both in empowering individuals and teams to address fundamental questions of global significance, and in providing all staff with a welcoming and inclusive workplace that supports everyone to develop and do their best work. Recognising that diversity is a great strength, and vital for innovation and creativity, Oxford aspires to build a truly inclusive community which values and respects every individual's unique contribution.

While Oxford has long traditions of scholarship, it is also forward-looking, creative and cutting-edge. Oxford is one of Europe's most entrepreneurial universities. It consistently has the highest external research income of any university in the UK (the most recent figures are available at www.ox.ac.uk/about/organisation/finance-and-funding), and is ranked first in the UK for university spin-outs, with more than 130 spin-off companies created to date. Oxford is also recognised as a leading supporter of social enterprise.

Oxford admits undergraduate students with the intellectual potential to benefit fully from the small group learning to which Oxford is deeply committed. Meeting in small groups with their tutor, undergraduates are exposed to rigorous scholarly challenge and learn to develop their critical thinking, their ability to articulate their views with clarity, and their personal and intellectual confidence. They receive a high level of personal attention from leading academics.

Oxford has a strong postgraduate student body which now numbers over 10,000. Postgraduates are attracted to Oxford by the international standing of the faculty, by the rigorous intellectual training on offer, by the excellent research and laboratory facilities available, and by the resources of the museums and libraries, including one of the world's greatest libraries, the Bodleian.

For more information please visit www.ox.ac.uk/about/organisation

University Benefits, Terms and Conditions

More information on benefits available to all University staff is available on page 12.

Salary

Those appointed below the top of this salary range will receive annual increments until they reach the top point. There is also an annual 'cost-of-living' review. In exceptional cases, the Department/Faculty board may propose the awarding of additional increments within the substantive scale to an Associate Professor at any time during their appointment.

Associate professors who are awarded the title of full professor receive an additional allowance (unless they already receive additional recruitment or retention payments at that level or above) see [Recognition of Distinction | HR Support \(ox.ac.uk\)](#); and they will be eligible for consideration in subsequent regular exercises for professorial merit pay (unless they already receive additional recruitment or retention payments in excess of the level of award) see [Professorial Merit Pay | HR Support \(ox.ac.uk\)](#). These awards do not result in any change to the duties of the post-holder.

Additional remuneration may be paid for graduate supervision, examining and some tutorial teaching. Those holding administrative appointments within the department/faculty may be eligible for additional payments.

Pension

The University offers generous pension provision. Associate Professors are usually offered membership of the Universities Superannuation Scheme.

Details are available at <https://finance.web.ox.ac.uk/uss>

Sabbatical leave

You will be eligible for sabbatical leave to allow you to focus on your research. In general, one term of leave is available for each six terms worked. This leave may either be taken as one term of leave after 6 terms of service, or accumulated and taken as one year of leave after 6 years of service.

Outside commitments

You may apply to spend up to 30 working days in each year on projects outside your employment duties, such as consultancy, spin-out activity and membership of research councils and other bodies. There is no limit to earnings from these activities without deduction from salary. Details of the approval process may be found at <https://hr.admin.ox.ac.uk/holding-outside-appointments>.

Guidance is also available on:

ownership of intellectual property <https://governance.admin.ox.ac.uk/legislation/council-regulations-7-of-2002> and managing conflicts of interest

<https://researchsupport.admin.ox.ac.uk/governance/integrity>

Membership of Congregation

Oxford's community of scholars governs itself through Congregation which is its "parliament". You will be a voting member of Congregation.

See <https://www.ox.ac.uk/about/organisation/governance> and <https://governance.admin.ox.ac.uk/legislation/statute-iv-congregation> for further details.

Family support

The University offers generous family leave arrangements, such as maternity, adoption, paternity and shared parental leave. Details are available at <https://hr.admin.ox.ac.uk/family-leave-for-academic-staff>. You will have considerable flexibility in the day-to-day organisation of duties in the Associate Professor role. Requests for flexible working patterns will be accommodated as far as possible.

You will be eligible to apply to use the University nurseries (subject to availability of places). For details of the nurseries and how to apply for places, please see <https://childcare.admin.ox.ac.uk/home>.

The University subscribes to My Family Care, a benefit which allows staff to register for emergency back-up childcare and adult care services, a 'speak to an expert' phone line and a wide range of guides and webinars through a website called the Work + Family Space.

For more details, please see <https://hr.admin.ox.ac.uk/my-family-care>

The Oxford University Newcomers' Club is run by volunteers, whose aim is to help the newly-arrived partners of visiting scholars, of graduate students and of newly appointed academic and administrative members of the University to settle in and to give them opportunities to meet people in Oxford. Further information is available at www.newcomers.ox.ac.uk/.

Welcome for International Staff

One of Oxford's great strengths is its truly international body of research and teaching staff from over 140 countries, and we welcome applications from academics across the world. We can help international staff and partners/families make the transition to Oxford. Information about relocation, living and working in the UK and Oxford is available at welcome.ox.ac.uk.

If you require a visa, we have a dedicated Staff Immigration Team to support successful applicants through the immigration process (for Global Talent and Skilled Worker visas) from job offer through to arrival in the UK. This is subject to the eligibility criteria being met for the respective visa routes.

Relocation

Subject to UK tax regulations and the availability of funding, a relocation allowance may be available.

Promoting diversity

The University is committed to recruiting and retaining the best people, whoever they are, to ensure equality of opportunity. The Vice Chancellor's Diversity Fund provides resources for innovative projects to promote diversity.

The Equality and Diversity Unit promotes good practice across the University by developing policies and offering training, and runs a range of support networks for staff. It works closely with Colleges, the Oxford University Student Union and external campaign groups.

Please see <https://edu.admin.ox.ac.uk/home> for details.

Other benefits and discounts for University employees

The University has a range of facilities and benefits for its staff, including discounted health insurance, sustainable travel schemes, and discounts in local shops and restaurants. Details are available at:

<https://hr.admin.ox.ac.uk/staff-benefits>

<https://hr.admin.ox.ac.uk/discounts>

Pre-employment screening

Your appointment will be subject to the University's standard pre-employment screening. This will include right-to-work, proof of identity, references, a pre-employment health declaration, and any other checks as applicable to the post. We advise you to read the notes for applicants at <https://jobs.ox.ac.uk/pre-employment-checks>.

Length of appointment

Appointments to Associate Professorships at Oxford are confirmed as permanent on successful completion of a review during the first five years.

The University operates an employer justified retirement age for all academic posts, for which the retirement date is 30 September immediately preceding the 69th birthday.

The justification for this may be found at <https://hr.admin.ox.ac.uk/the-ejra>

For **existing** employees, any employment beyond the retirement age is subject to approval through the EJRA procedures. Further details can be found at <https://hr.admin.ox.ac.uk/the-ejra>

Data Privacy

Please note that any personal data submitted to the University as part of the job application process will be processed in accordance with the GDPR and related UK data protection legislation. For further information, please see the University's Privacy Notice for Job Applicants at:

<https://compliance.admin.ox.ac.uk/job-applicant-privacy-policy>.

The University's Policy on Data Protection is available at: <https://compliance.admin.ox.ac.uk/data-protection-policy>.

Benefits, Terms, and Conditions of the Tutorial Fellowship at Magdalen College

The person appointed to the Tutorial Fellowship in Computer Science will be required to provide six weighted hours of teaching per week during Full Term (each of Oxford's three Full Terms per year is eight weeks long). The tutorial stint may be made up partly through tutorials given to undergraduates from other colleges in the tutor's field(s) of specialisation. In addition to giving tutorials, the Tutorial Fellow will be required to undertake the following: to hold meetings with each student at the beginning and end of every term to discuss their programme of work and academic progress; to report on their students' progress to the Tutorial Board; to arrange out-college tuition as required; to set and mark, or arrange to have marked, mock examination papers (Collections) at the beginning of each term, except in the term following a University examination; to assist with College Open Days; and to participate in the annual admissions exercise in December.

The person appointed will become a member of the Tutorial Board, which is responsible for the academic policy of the College. The Board meets three times per term.

The person appointed will be a member of the Governing Body of Magdalen College (a Charity Trustee) and will be expected to play a part in the administration of the College, to assist with the admission of undergraduates and postgraduates, and to take part, when required, in examinations for Fellowships of Magdalen College. The Fellow will also assist where appropriate in advising the College's graduate students.

The Fellow will be elected in the first instance for a period of five years, but may (and normally will) be re-elected for successive periods of not more than seven years until retirement. For its academic staff (as defined by the College's Statute XIV and associated Bylaws) the College, in line with the University, has adopted a retirement age of 30 September immediately preceding the 69th birthday. Evidence of a satisfactory performance in all the duties of the post is a prerequisite for re-election after the initial period of five years. In the event of the termination of the Associate Professorship, or other University office on which the holding of this Fellowship is dependent, for whatever reason, the Tutorial Fellowship in Computer Science shall itself terminate on the same date as the Associate Professorship.

Each appointment (that by the College and that by the University) will be at an appropriate point on the scale set out in the Annexe to this job description. Those appointed below the top of this salary range will receive annual increments to the College component of the salary until they reach the top point.

The Fellow will be entitled to rooms in College free of charge (HMRC tax liabilities will apply), or, if not residing in College, to a taxable and pensionable housing allowance (currently £15,000 per annum) together with a study/teaching room in College. The College also offers a Housing Loan Scheme to assist in house purchase. The Fellow will be entitled to the Common College dinner and luncheon free of cost, and to an entertainment allowance (currently £290 per annum). In addition, the College operates a scheme whereby Fellows' research costs (including travel and books) can be reclaimed, up to a current maximum of £1,750 per annum. Newly appointed Fellows will also have an allowance of £1,400 for computer equipment in the first year of employment, and £500 per year thereafter. There is also a Research Fund to which Tutorial Fellows can apply for particular expenses, and a fund for projects which are of specific benefit to students of the College.

The post carries an entitlement to join, or to remain a member of, the Universities Superannuation Scheme (USS).

The Fellow will be entitled to apply for sabbatical leave from College duties, without deduction of stipend, at the rate of one term's leave for every six terms of service. An additional term of leave is available at the rate of one term's leave for every eighteen terms of service.

The College provides for maternity leave on a basis that exceeds the statutory provisions. Employees are eligible for 26 weeks' maternity leave on full pay, followed by 13 weeks of leave on Statutory Maternity Pay (SMP) and 13 weeks of unpaid maternity leave: this is a day one entitlement. Magdalen has a priority

claim on four places in the University nurseries. Arrangements are available for paternity leave and shared parental leave.

Following the offer of the position, appointment will be subject to (a) satisfactory completion of a medical questionnaire, and (b) provision of proof of the right to work in the UK. Applicants who would need a work visa if appointed to the post are asked to note that under the UK's points-based migration system they will need to demonstrate that they have sufficient points, and in particular that (i) they have sufficient English language skills (evidenced by (a) passing an approved English Language test with at least CEFR level B1 in reading, writing, speaking, and listening, or (b) having an academic qualification that was taught in English and is recognised by UK NARIC as being equivalent to a UK bachelor's degree, master's degree, or PhD, or (c) being a national of a majority English-speaking country); and (ii) that they have sufficient funds to maintain themselves and any dependants until they receive their first salary payment. Further information is available at:

www.gov.uk/tier-2-general/overview.

Equality

Magdalen College is committed to Equality and Diversity. Further information can be obtained on the College website at: www.magd.ox.ac.uk/equality/.

Further Information

For details of how to apply for the post, see above. The Magdalen College website, which contains details of current Fellows and Tutors as well as a variety of more general information, can be found at: www.magd.ox.ac.uk.

Offer of employment

Applications for this post will be considered by a selection committee containing representatives from both the Department of Computer Science and Magdalen College. The selection committee is responsible for conducting all aspects of the recruitment and selection process; it does not, however, have the authority to make the final decision as to who should be appointed. The final decision will be made by the MPLS divisional board and the Governing Body of Magdalen College on the basis of a recommendation made by the selection committee. No offer of appointment will be valid, therefore, until and unless the recommendation has been approved by both the divisional board and the governing body, and a formal contractual offer has been made.

Benefits of working at the University

Employee benefits

University employees enjoy generous holiday and pension schemes, travel discounts, and a variety of professional development opportunities. Our range of other employee benefits and discounts also includes free entry to the Botanic Gardens and University colleges, and discounts at University museums. See <http://hr.admin.ox.ac.uk/staff-benefits>

University Club and sports facilities

Membership of the University Club is free for all University staff. The University Club offers social, sporting, and hospitality facilities. Staff can also use the University Sports Centre on Iffley Road at discounted rates, including a fitness centre, powerlifting room, and swimming pool. See www.club.ox.ac.uk and <http://www.sport.ox.ac.uk/home>

Information for staff new to Oxford

If you are relocating to Oxfordshire from overseas or elsewhere in the UK, the University's Welcome Service website includes practical information about settling in the area, including advice on relocation, accommodation, and local schools. See <http://welcome.ox.ac.uk/>

There is also a visa loan scheme to cover the costs of UK visa applications for staff and their dependents. See <http://staffimmigration.admin.ox.ac.uk/visa-loan-scheme>

Family-friendly benefits

With one of the most generous family leave schemes in the Higher Education sector, and a range of flexible working options, Oxford aims to be a family-friendly employer. We also subscribe to My Family Care through The Work + Family Space, a service that provides practical advice and support for employees who have caring responsibilities. The service offers a free telephone advice line, and the ability to book emergency back-up care for children, adult dependents and elderly relatives. See <http://hr.admin.ox.ac.uk/my-family-care>

Childcare

The University has excellent childcare services, including five University nurseries as well as University-supported places at many other private nurseries.

For full details, including how to apply and the costs, see <http://childcare.admin.ox.ac.uk/home>

Disabled staff

We are committed to supporting members of staff with disabilities or long-term health conditions. For further details, including information about how to make contact, in confidence, with the University's Staff Disability Advisor, see <http://edu.admin.ox.ac.uk/disability-support>.

Staff networks

The University has a number of staff networks including the Oxford Research Staff Society, BME staff network, LGBT+ staff network and a disabled staff network. You can find more information at <http://edu.admin.ox.ac.uk/networks>.

The University of Oxford Newcomers' Club

The University of Oxford Newcomers' Club is an organisation run by volunteers that aims to assist the partners of new staff settle into Oxford, and provides them with an opportunity to meet people and make connections in the local area. See www.newcomers.ox.ac.uk.

Appendix: The Tutorial Fellowship

General Template of Duties for Tutorial Fellows in Oxford Colleges

1: Introduction

A Tutorial Fellowship represents the College side of a joint appointment, i.e. an appointment which involves a College component and a University component. The University side is represented by an Associate Professorship. The appointee is selected and funded jointly by the College(s) concerned and by the relevant division of the University. The joint appointment system is an unusual arrangement in research-intensive universities. Its central feature is that academics of major research reputation are attached to particular Colleges as Tutorial Fellows, where they are members of an interdisciplinary community of moderate size. In those Colleges they teach, and arrange teaching for, a small cohort of very able undergraduates in tutorials (teaching sessions with one, two, or three students) and small classes, monitoring their progress individually over the whole of their course. They also have

responsibility for advising a certain number of graduate students in their subject area within their College. Tutorial Fellowships thus hold a key place in the intellectual culture of the collegiate University of Oxford. This document, adopted by the Conference of Colleges, aims to set out the main features of Tutorial Fellowships, and the expectations that Colleges will generally have of Tutorial Fellows.

The duties of a Tutorial Fellow are not confined to the College. All have an obligation as members of a department or faculty to contribute to research and teaching, and this will usually include lecturing, class teaching, supervision of graduate students and University examining alongside contributing to an internationally excellent research environment. As Associate Professors, the holders of joint appointments will also be expected to contribute to discussion and governance in their faculty or department, serving on committees, revising teaching syllabus materials and reading lists, and taking on administrative roles as needed. All Tutorial Fellows are also members of Congregation, the sovereign legislative body within the University, and have a right to vote on matters before Congregation.

2: Research

The Colleges have the same interest as departments and faculties in seeking to appoint to Tutorial Fellowships academic staff whose research is or has the potential to be of international standing, and a Tutorial Fellow will be required by the College to engage in research and publication at the highest level. The Colleges and the University work together to appoint outstanding researchers who are willing and able to engage in undergraduate and graduate teaching, student support and pastoral work, and administrative duties. Colleges offer extensive support for research, funding regular sabbatical leave and providing a system of allowances, together with rooms and library facilities, all within a welcoming, interdisciplinary community.

3: Teaching and support

Those appointed to Tutorial Fellowships are required to perform for the College or for the benefit of the College the stint of undergraduate tutorial teaching specified in their contract or job description, under the general oversight of each College's Senior Tutor. The timing of tutorials and the exact numbers of students in each tutorial group are usually matters for the individual tutor, though each College will have established conventions, and the Senior Tutor and subject colleagues will provide advice and examples of past good practice including arrangements such as intercollegiate teaching exchanges which are commonly used to provide expert coverage of different aspects of (or subjects within) a discipline. Tutorial teaching is not the same as lecturing: the intention is to engage the students in small groups in intellectual interaction and creative dialogue so as to help them develop an independent, critical, and well-informed approach to their discipline. This approach is underpinned by regularly setting written work, typically weekly essays or problem sheets supported as necessary with recommended reading. Assessment and feedback on that written work is given by the tutors orally during the tutorials as well as by more conventional written comments or marking. Appointees should have the qualities required to relate effectively to students and their academic and personal needs.

Tutorial Fellows are generally assigned sole or joint tutorial responsibility for a defined group of students in their subject area within their College. This work typically involves the following tasks to support the students' education:

- (a) arranging tutorial and/or class teaching for each student in each term, whether the teaching is done by the tutor or another, and ensuring that teaching is of an appropriate standard;
- (b) monitoring students' progress through termly written reports, and by means of collections (regular tests of performance) and/or assessment of vacation work;
- (c) pastoral support of undergraduates reading the subject in question;

- (d) interviewing candidates who apply to read the subject at the College, including arranging for help from other suitable interviewers and making the final selection of who should be admitted;
- (e) writing references for students, and directing them to appropriate careers advice;
- (f) recommending and selecting books and online materials for their subject area in the College Library;
- (g) delegating responsibilities (a)-(f) above when on sabbatical leave, in consultation with the Senior Tutor and subject colleagues.

Tutorial Fellows are supported in these tasks by the administrative staff of the College and by the College Officers.

Tutorial Fellows normally do their tutorial teaching in rooms provided for them in Colleges or in their Departments or Faculties and should be easily contactable through their Colleges during Term (although it is recognised that conferences and other commitments may mean that Tutorial Fellows are sometimes away from Oxford for short periods in Term).

Oxford Colleges offer strong pastoral support to all their students. Here Tutorial Fellows play a key role, not only for their own undergraduates as indicated above, but also by acting as 'College Adviser' in College for a number of graduate students in their disciplinary area (this being additional to the formal academic supervision of research students arranged by the University with a suitable expert very possibly from another College). While Tutorial Fellows are often the first point of contact for students who are having difficulties, there are, of course, experts available when professional help is needed. Tutorial Fellows work closely with College Officers and with staff with appropriate medical and welfare training to ensure that students are supported appropriately and referred to professional services if that is necessary.

4: College Governance

Oxford Colleges are self-governing communities with wide responsibilities. Tutorial Fellows are normally members of College Governing Bodies, the sovereign bodies of Colleges. They are usually Charity Trustees as well as employees. In many Colleges, major College Officerships (Senior Tutor, Tutor for Admissions, Tutor for Graduates, Dean) are held by Fellows specially appointed to undertake those roles on a full-time basis. However, in some Colleges, such officerships are taken on by Tutorial Fellows on a full-time or part-time basis for agreed limited periods in return for additional stipend and/or a specified remission of tutorial teaching duties. In these various ways, Tutorial Fellows are expected to contribute to the governance and running of their Colleges, though Tutorial Fellows will not normally be asked to take on significant administrative duties in their probationary period (or in the first five years, if their probationary period is shorter than that).

ANNEXE

PAY SCALE FOR ASSOCIATE PROFESSORS WITH TUTORIAL FELLOWSHIPS (APTF-U)

(with effect from 1 August 2021)

The figure in the 'Total Salary' column gives the total when the College and University salary are at the same point on the scale, which may not always be the case.

Grade (30S)				
Scale point	National Pay spine	University Salary	College Salary	Total Salary
11	52	£54,997	£10,577	£65,574
10	51	£53,398	£10,270	£63,668
9	50	£51,847	£9,971	£61,818
8	49	£50,340	£9,682	£60,022
7	48	£48,879	£9,400	£58,279
6	47	£47,460	£9,127	£56,587
5	46	£46,081	£8,862	£54,943
4	45	£44,743	£8,605	£53,348
3	44	£43,444	£8,355	£51,799
2	43	£42,183	£8,113	£50,296
1	42	£40,958	£7,877	£48,835