



## Job Description

Nuffield Department of Primary Care Health Sciences

<b>Job title</b>	Medical Statistician/Epidemiologist
<b>Division</b>	Medical Sciences
<b>Department</b>	Nuffield Department of Primary Care Health Sciences
<b>Location</b>	Radcliffe Observatory Quarter, Woodstock Road, Oxford, OX2 6GG
<b>Grade and salary</b>	Grade 7: £32,817 - £40,322 per annum <i>If no suitable applicant is identified at Grade 7, an appointment at Grade 6 (£29,176 – 34,804 per annum) with an appropriate adjustment in the duties may be considered</i>
<b>Hours</b>	Full time
<b>Contract type</b>	Fixed-term for 1 year in the first instance
<b>Reporting to</b>	Dr Brian Nicholson, Clinical Lecturer, Cancer Research Group Dr Jason Oke, Senior Statistician, Cancer Research Group
<b>Vacancy reference</b>	BZ20041 (HRIS No. 147080)

### The role

The Cancer Research Group within the Nuffield Department of Primary Care Health Sciences is seeking to appoint an epidemiologist or medical statistician who will lead statistical analyses on behalf of the Cancer Group and provide methodological support. The group is a multidisciplinary team that uses quantitative and qualitative methods to improve pathways to the diagnosis of cancer starting in Primary Care. The successful candidate will be responsible for analyses of retrospective and prospective cohorts and providing statistical and methodological support to the wider group. They will have experience in biomedical statistics, epidemiology or a related discipline. The post holder will report to Dr Brian Nicholson and Dr Jason Oke and will be a member of both the Cancer Group and the Medical Statistics team led by Prof. Rafael Perera.

The post holder will be encouraged to develop their own research ideas within the strategic focus of the research group, write papers and present their work at scientific and other meetings, including meetings with stakeholders. The successful applicant will have analytical and statistical skills and, preferably, experience of working with large electronic health care record data.

The post is funded for one year in the first instance.



## Responsibilities

- Carry out statistical or epidemiological analyses of data from large prospective cohorts, or electronic health records, such as the CPRD, UK Biobank, RCGP RSC and other large international data sets
- Provide advice on research design and contribute to protocol development for new research projects, including scoping exercises for feasibility of proposed research
- Contribute to the writing of research articles for national and international journals
- Share responsibility for shaping the research group's plans, including formulation of research questions and potentially writing grant applications for new research projects
- Present papers at scientific conferences, or stakeholder meetings
- Carry out collaborative projects with colleagues in research groups across the university
- Contribute to the development and maintenance of standard operating procedures for data provision, data manipulation and management, and archiving and destruction of datasets
- Manage own day to day research and administrative activities
- There will be opportunities to contribute remote and face-to-face teaching on the Evidence-based medicine Masters programme.

## Pre-employment screening

All offers of employment are made subject to standard pre-employment screening, as applicable to the post.

If you are offered the post, you will be asked to provide proof of your right-to-work, your identity, and we will contact the referees you have nominated. You will also be asked to complete a health declaration (so that you can tell us about any health conditions or disabilities so that we can discuss appropriate adjustments with you), and a declaration of any unspent criminal convictions.

We advise all applicants to read the candidate notes on the University's pre-employment screening procedures, found at: [www.ox.ac.uk/about/jobs/preemploymentscreening/](http://www.ox.ac.uk/about/jobs/preemploymentscreening/).

## Selection criteria

### Essential selection criteria

- Hold a PhD/DPhil (or be close to completion) in Statistics, Epidemiology or a related subject (*for a grade 6 underfill: hold an MSc (or be close to completion) in Statistics, Epidemiology or a related subject*)
- Ability to plan and undertake statistical analyses in relation to large-scale population data

- Experience of managing and manipulating large and complex datasets which often have a mixture of cross-sectional and repeated measures data and missing data
- Proficiency in a statistical software programming language e.g. Stata, R, or SAS
- Able to communicate results from analyses and statistical concepts with people from different scientific or clinical disciplines, including the ability to write for publication, present research proposals and results, and represent the research group at meetings
- Ability to plan, implement and deliver programmes of work, in order to meet deadlines and manage academic research and associated activities, independently and as part of research team
- High level of proficiency in English

### **Desirable selection criteria**

- Experience of working in a cancer related research position
- Ability to independently plan/manage a research project
- Been successful in obtaining funding research
- Good knowledge of information governance procedures

### **About the University of Oxford**

Welcome to the University of Oxford. We 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.

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

While we have long traditions of scholarship, we are also forward-looking, creative and cutting-edge. Oxford is one of Europe's most entrepreneurial universities. Income from external research contracts in 2016/17 exceeded £564m and we rank first in the UK for university spin-outs, with more than 130 companies created to date. We are also recognised as leaders in support for social enterprise.

Join us and you will find a unique, democratic and international community, a great range of staff benefits and access to a vibrant array of cultural activities in the beautiful city of Oxford.

For more information please visit [www.ox.ac.uk/about/organisation](http://www.ox.ac.uk/about/organisation)

### **Nuffield Department of Primary Care Health Sciences**

The top ranked centre for academic primary care in the UK, we lead world-class research and training to rethink the way healthcare is delivered in general practice and other primary care settings, both across the UK and globally. Integrating evidence and innovation, our main research focus is on the prevention, early diagnosis and management of common illness.

Our research is led by internationally renowned scientists; many of whom are practising GPs, but we also have academics from a range of non-medical disciplines including the social sciences and humanities. We cover the broad range of issues that you might expect to consult your GP about including cardiovascular and metabolic disease, infectious diseases and childhood illness, diet, smoking and cancer. We also focus on understanding and improving the experiences of patients, utilising big data, developing digital health interventions and working internationally. We have methodological expertise in clinical decision making and diagnostics, clinical epidemiology, medical statistics, modelling, qualitative research and the wider application of social science theory and methods to address practical and theoretical challenges in health and care settings. We also have a dedicated in-house Primary Care Clinical Trials Unit.

The department was established in October 1998 (as the Department of Primary Health Care) with the appointment of a foundation chair in general practice. We provide a strong multi-disciplinary training environment, a full programme of academic support and good IT facilities. Our ability to collaborate with other epidemiological and community-based research groups across the University and with GP surgeries locally and nationally enables us to utilise a broad range of relevant expertise into our teaching and research.

The department has recently developed a new stream of clinical research which seeks to improve the conceptual understanding and use of monitoring in a number of chronic diseases. We have an international reputation for developing research methodologies to ensure that research findings have a positive impact on clinical practice.

We are home to the Oxford Centre for Evidence-Based Medicine; the international Cochrane Tobacco Addiction Group which collates and summarises research evidence from across the world to underpin governmental health policies on smoking; the Interdisciplinary Research in Health Sciences research group (which uses both quantitative and qualitative methods to examine the human, organisational and societal issues relating to the delivery of healthcare and the improvement of health services) and the Health Experiences Research Group (HERG), which undertakes qualitative research into the patient experience including the Healthtalk research programme [www.healthtalkonline.org](http://www.healthtalkonline.org) through a close working experience with the charity DIPEX. The Department is a founding member of the National Institute for Health Research (NIHR) School of Primary Care Research, houses both the NIHR Collaboration for Leadership in Applied Health Research and Care Oxford and the NIHR Community Healthcare MedTech and In Vitro Diagnostics Co-operative, and leads 3 Themes of the Oxford BRC.

Our staff are mostly located in the superbly renovated Grade II listed Radcliffe Primary Care Building on the Radcliffe Observatory Quarter (ROQ), the University's most prestigious development site for a generation, and close to the city centre (see <http://www.ox.ac.uk/roq/> for more information). Some staff are located nearby in the Gibson Building at the ROQ and at Eagle House, off Walton Street

Car parking is very restricted at both sites with only a small percentage of staff being granted an annual parking permit. Bus Pass, Train Pass, bicycle loans and Season Ticket Loan Schemes are all in operation for staff.

The Nuffield Department of Primary Care Health Sciences holds a departmental Silver Athena SWAN award to recognise advancement of gender equality: representation, progression and success for all.

The Nuffield Department of Primary Care Health Sciences currently holds a Gold NUS Green Impact award. Green Impact is an environmental accreditation scheme championed by the National Union of Students and is designed to support environmentally and socially sustainable practice. The department supports sustainability initiatives in the following areas: supporting and leading change; energy; water; materials and waste; sustainable travel; biodiversity and nature; and food.

For more information on the department please visit: <http://www.phc.ox.ac.uk>

## Medical Sciences Division

The Medical Sciences Division is an internationally recognised centre of excellence for biomedical and clinical research and teaching. We are the largest academic division in the University of Oxford.

World-leading programmes, housed in state-of-the-art facilities cover the full range of scientific endeavour from the molecule to the population. With our NHS partners we also foster the highest possible standards in patient care.

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

## How to apply

If you would like to apply, 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 provide details of two referees and indicate whether we can contact them now.

You will also be asked to upload a CV and a supporting statement. The supporting statement must explain how you meet each of the selection criteria for the post using examples of your skills and experience. This may include experience gained in employment, education, 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.

If you are applying for a research post and you have had periods of working part-time, please indicate this on your CV or in your supporting statement. This will ensure that any outputs such as publications are fairly judged when considered alongside the expected outputs of full-time workers.

Where posts are advertised full-time, we **may** be able to consider part-time working or job share arrangements depending on the requirements of the role. If you want to work part-time and this option is not expressly stated in the advert or job information, please email [hr@phc.ox.ac.uk](mailto:hr@phc.ox.ac.uk) to enquire whether the role you are applying for might be available on a part-time basis.

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

All applications must be received by **midday** on the closing date stated in the online advertisement. Incomplete or late applications will not be considered.

Only in exceptional circumstances and with prior agreement can we consider applications submitted via methods other than the on-line recruitment system.

Please note that you will be notified of the progress of your application by automatic e-mails from our e-recruitment system. **Please check your spam/junk mail** regularly to ensure that you receive all e-mails. **We contact all candidates, whether shortlisted for interview or not, so if you have not heard from us, please check your spam/junk folder and then contact us if you have not received a response.**

#### **Information for priority candidates**

*A priority candidate is a University employee who is seeking redeployment because they have been advised that they are at risk of redundancy, or on grounds of ill-health/disability. Priority candidates are issued with a redeployment letter by their employing departments.*

*If you are a priority candidate, please ensure that you attach your redeployment letter to your application (or email it to the contact address on the advert if the application form used for the vacancy does not allow attachments)*

**Should you experience any difficulties using the online application system, please email [recruitment.support@admin.ox.ac.uk](mailto:recruitment.support@admin.ox.ac.uk). Further help and support is available from [www.ox.ac.uk/about\\_the\\_university/jobs/support/](http://www.ox.ac.uk/about_the_university/jobs/support/). To return to the online application at any stage, please go to: [www.recruit.ox.ac.uk](http://www.recruit.ox.ac.uk).**

Please note that you will receive an automated email from our e-recruitment system to confirm receipt of your application. **Please check your spam/junk mail** if you do not receive this email

## **Important information for candidates**

### **The University's policy on retirement**

### **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: [www.admin.ox.ac.uk/councilsec/compliance/gdpr/privacynotices/job/](http://www.admin.ox.ac.uk/councilsec/compliance/gdpr/privacynotices/job/). The University's Policy on Data Protection is available at: [www.admin.ox.ac.uk/councilsec/compliance/gdpr/universitypolicyondataprotection/](http://www.admin.ox.ac.uk/councilsec/compliance/gdpr/universitypolicyondataprotection/).

## The University's policy on retirement

The University operates an Employer Justified Retirement Age (EJRA) for all academic posts and some academic-related posts. The University has adopted an EJRA of 30 September before the 69<sup>th</sup> birthday for all academic and academic-related staff in posts at **grade 8 and above**. The justification for this is explained at:

[www.admin.ox.ac.uk/personnel/end/retirement/acrelretire8+/](http://www.admin.ox.ac.uk/personnel/end/retirement/acrelretire8+/).

For **existing** employees, any employment beyond the retirement age is subject to approval through the procedures: [www.admin.ox.ac.uk/personnel/end/retirement/acrelretire8+/](http://www.admin.ox.ac.uk/personnel/end/retirement/acrelretire8+/).

There is no normal or fixed age at which staff in posts at **grades 1–7** have to retire. Staff at these grades may elect to retire in accordance with the rules of the applicable pension scheme, as may be amended from time to time.

## Equality of Opportunity

Entry into employment with the University and progression within employment will be determined only by personal merit and the application of criteria which are related to the duties of each particular post and the relevant salary structure. In all cases, ability to perform the job will be the primary consideration. No applicant or member of staff shall be discriminated against because of age, disability, gender reassignment, marriage or civil partnership, pregnancy or maternity, race, religion or belief, sex, or sexual orientation.



## Benefits of working at the University

### University Club and sports facilities

The University Club provides social, sporting and hospitality facilities. It incorporates a bar, café and sporting facilities, including a gym. 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](http://www.club.ox.ac.uk) and [www.sport.ox.ac.uk/oxford-university-sports-facilities](http://www.sport.ox.ac.uk/oxford-university-sports-facilities).

### Information for international staff (or those relocating from another part of the UK)

If you are relocating to Oxfordshire from overseas, or elsewhere in the UK, the University's International Staff website includes practical information related to moving to and settling in Oxford such as advice on immigration, relocation, accommodation, or registering with a doctor.

See: [www.internationalstaffwelcome.admin.ox.ac.uk/](http://www.internationalstaffwelcome.admin.ox.ac.uk/)

### 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 to settle into Oxford and to provide them with an opportunity to meet people in the area. See [www.newcomers.ox.ac.uk/](http://www.newcomers.ox.ac.uk/)

### Childcare

The University has excellent childcare services with 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 [www.admin.ox.ac.uk/childcare](http://www.admin.ox.ac.uk/childcare).

### Family-friendly benefits

The University subscribes to My Family Care ([www.admin.ox.ac.uk/personnel/staffinfo/benefits/family/mfc/](http://www.admin.ox.ac.uk/personnel/staffinfo/benefits/family/mfc/)) and staff are eligible to register for emergency back-up childcare and adultcare services, a 'speak to an expert' phone line and a wide range of guides and webinars through a website called the Work + Family space.

### Disabled staff

We are committed to supporting members of staff with disabilities or long-term health conditions. Please visit [www.admin.ox.ac.uk/eop/disab/staff](http://www.admin.ox.ac.uk/eop/disab/staff) for further details including information about how to make contact, in confidence, with the University's Staff Disability Advisor.

### 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 [www.admin.ox.ac.uk/eop/inpractice/networks/](http://www.admin.ox.ac.uk/eop/inpractice/networks/)

### Training and Development

A range of training and development opportunities are available at the University. Further details can be found at:

[www.ox.ac.uk/staff/working\\_at\\_oxford/training\\_development/index.html](http://www.ox.ac.uk/staff/working_at_oxford/training_development/index.html).

### Support for Research Staff

There is a particularly wide range of support for career development for research staff. Please visit: [www.ox.ac.uk/research/support-researchers](http://www.ox.ac.uk/research/support-researchers) to find out more.



## **Pensions**

The University offers generous occupational pension schemes for eligible staff members. Further details can be found at [www.admin.ox.ac.uk/finance/epp/pensions/pensionspolicy/](http://www.admin.ox.ac.uk/finance/epp/pensions/pensionspolicy/).

## **Transport schemes**

The University offers a range of travel schemes and public transport travel discounts to staff. Full details are available at [www.admin.ox.ac.uk/estates/ourservices/travel/](http://www.admin.ox.ac.uk/estates/ourservices/travel/).

## **Other benefits**

Staff can enjoy a range of other benefits such as free visitor access to the University's colleges and the Botanic Gardens as well as a range of discounts.

See [www.admin.ox.ac.uk/personnel/staffinfo/benefits](http://www.admin.ox.ac.uk/personnel/staffinfo/benefits)