Job title	Infectious Diseases Data Observatory (IDDO) Post-Doctoral Research Scientist
Division	Medical Sciences
Department	Infectious Diseases Data Observatory (IDDO), Centre for Tropical Medicine & Global Health, Nuffield Department of Medicine (NDM)
Location	Old Road Campus, Headington, Oxford
Grade and salary	Grade 7: (including discretionary scale)
Hours	Full-time
Contract type	Fixed-term – one year in the first instance
Reporting to	Senior Scientist & Head of statistics
Vacancy reference	140398

The role

As an IDDO Post-Doctoral Research Scientist (hereafter, Scientist) you will work across the IDDO portfolio of poverty related infectious diseases (PRID) data themes, including emerging infections (EI). S/he will help to deliver the programmes and scientific research activities that achieve IDDO's vision and mission, which are intended to have a lasting impact on global health.

The role will be varied across IDDO themes and in addition to scientific and statistical support include project management, stakeholder engagement and administrative activities.

The Scientist will take a proactive role in encouraging and securing engagement from a range of stakeholders across the emerging infections and neglected poverty related disease communities, both nationally and internationally. S/he will work with these collaborators to design, undertake, write up and publish analyses undertaken using pooled data contributed to the IDDO data sharing platform. A PhD graduate with proven research experience in infectious diseases and excellent written and oral skills is required for contribution to writing manuscripts for publication and presentations at conferences and other relevant meetings or workshops. This will include travel to varied countries, including low income settings. Strong communication and interpersonal skills are required to build strong, trusting relationships and bring ownership and oversight to the programmatic work, which requires the engagement of internal and external partners.

The post holder will be based at the University of Oxford, Old Road Campus, and will report to

the IDDO Senior Scientist. S/he will work closely with a multidisciplinary team, including the IDDO Head of Statistics, the Data Management Team, the Informatics Group, the Communications Team, the Programme Managers and the Operations Team to ensure the delivery of agreed activities that support IDDO's strategic, scientific and operational goals. S/he will support the supervision of any visiting fellows, students and/or consultants working on relevant projects and some experience of this would be useful.

Responsibilities

The post holder will work across the IDDO themes as follows:

Scientific Support:
- Contribute to the development of scientific research initiatives and strategies to build international data sharing frameworks and scientific collaborations for PRIDs.
- Engage with external researchers and other key stakeholders to coordinate, develop and disseminate research activities including meta-analyses of data held in the IDDO repository. This process includes participation in the writing and preparation of grant reports, scientific reports and manuscripts for publication and their submission for publication.
- Support the writing and editing of other key documents including study protocols, ethics applications and project summaries & briefs.
- Perform literature reviews and maintain an updated literature database (including latest publications, trials, etc.).
- Work closely with the IDDO Statistics team to support the development of statistical analysis plans (SAPs) and support the statistical analyses of research activities.
- Work closely with the IDDO Data Management team to support the management and curation of clinical trials data and to ensure the accurate and complete submission of study datasets and associated documentation involving direct communication with data contributors from around the globe.
- Work closely with the Informatics Group to develop novel online tools and visualisations, applications and methods for processing, analysing and reporting data that are requested by the research community.

Participate in Programme Management activities, including:
- Project manage current or proposed poverty related infectious disease data platform activities, including coordinating the activities and timely achievement of milestones across the IDDO teams including Informatics, Communications, Data Management, Science and Operations.
- Provide operational and secretarial support to disease specific platform committees.
- Participate in the production of monthly/quarterly reports of platform activities as required, e.g. IDDO Board or Scientific Advisory Committees.
- Contribute to the preparation of annual/final grant reports to funders/donors to meet reporting requirements.

Participate in Stakeholder Engagement, Communication and Advocacy activities, including:

- Work closely with the IDDO Communications and Advocacy Team to promote disease specific activities/outputs locally and internationally.
- Maintain close communication, and high quality interactions with key stakeholders e.g. research scientists, policy makers and funding bodies.
- Present IDDO's activities and findings at international scientific meetings.
- Work with key IDDO staff to consider and develop capacity strengthening initiatives for partners in LMICs.
- Support preparations for conferences, meetings and events including contributing to publications, abstracts, posters, presentations and related material, both electronic and in printed format.
- Additional duties as delegated and appropriate for the grade.

Essential selection criteria

Essential

- A PhD, medical or advanced degree in infectious diseases or related topic with research experience.
- A publication record which demonstrates experience in the conduct, analysis and reporting of clinical research.
- A self-starter with experience of working in challenging environments with the flexibility to change plans and respond to urgent or last minute opportunities.
- Strong analytical and excellent writing and verbal skills for communicating with a broad international audience.
- The ability to understand and interpret complex research and scientific projects, and to communicate key messages to specialist and non-specialist audiences.
- Strong diplomacy skills - personal sensitivity and tact to deal with a complex, multi-cultural and diverse global health network.
- Some understanding of statistical analysis and packages (including R or Stata).
- Experience working with or at funding organisations and academic institutions.

Desirable selection criteria

- Knowledge or research experience in biology, parasitology, epidemiology or surveillance of infectious diseases - specifically kinetoplastids, malaria or other PRIDs and EIs.
- Experience of biostatistical application in the field of medical statistics and/or epidemiology.
- Experience of conducting and analysing biomedical research and clinical trials especially with large and diverse datasets.
- Proven administrative and/or project management skills, including attention to detail and

the ability to keep accurate tracking records.
- Knowledge or previous experience with data sharing and data management.
- Fluency or working level in an additional language, either French or Spanish or Portuguese.

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 both in empowering individuals and teams to address fundamental questions of global significance, and in providing all of our 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, 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 2014/15 exceeded £522.9m and ranked first in the UK for university spin-outs, with more than 130 spin-off 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.

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Medical Sciences

The Medical Sciences Division is an internationally recognized 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: www.medsci.ox.ac.uk

Nuffield Department of Clinical Medicine (NDM)

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The University of Oxford is a member of the Athena SWAN Charter and holds an institutional Bronze Athena SWAN award. The Nuffield Department of Medicine holds a Silver 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.

For more information please visit: www.ndm.ox.ac.uk/athena-swan

Tropical Medicine and Global Health

The Centre for Tropical Medicine and Global Health is a world leading Centre within the Nuffield Department of Clinical Medicine, University of Oxford, comprised of research groups who are permanently based in Africa and Asia as well as across two sites in Oxford. Our research ranges from clinical studies to behavioural sciences, with capacity building integral to all of our activities.

Our research is conducted at three Wellcome Trust Major Overseas Programmes in Kenya, Thailand and Viet Nam as well as a growing Centre in Oxford. The Centre for Tropical Medicine and Global Health also brings together a number of sister groups in Laos, Tanzania, Indonesia, the Democratic Republic of Congo, Myanmar, Cambodia and Nepal, as well as multiple collaborators around the world.

Tackling infectious diseases, which kill many millions of people every year, is one of the greatest challenges of the 21st century. We are researching solutions to the increasingly urgent problems these diseases cause.

The Centre's annual turnover is in excess of £48m per annum with over 100 externally funded research grants and donations.

For more information please visit: http://www.tropicalmedicine.ox.ac.uk/home

Centre for Tropical Medicine and Global Health

Infectious Diseases Data Observatory (IDDO)

The Infectious Diseases Data Observatory (IDDO) is a scientifically independent, multi-disciplinary, multi-disease coalition that brings together members of the global health community to collaborate in the generation, analysis and application of data to improve health outcomes. The aim of IDDO is to facilitate ethical and equitable data sharing and IDDO follows the FREE FAIRER principles of ensuring that research data are Findable, Rapidly available, Ethical, Equitable, Forever, Accessible, Interoperable, Reliable, Economically viable, and Reusable.

Launched in 2016, IDDO is building upon the pioneering work of the WorldWide Antimalarial Resistance Network (WWARN), which is now incorporated as a part of the IDDO portfolio. WWARN pioneered a unique inclusive approach to data sharing and analysis for malaria, at a time when data sharing was not widely practiced and well before it became mandated. This has resulted in the development of a successful model that has been refined over a period of 10 years. WWARN's innovative approach has enabled the malaria community to ask practical, life-saving research questions using individual patient data meta-analyses and cross-disciplinary analyses to identify and understand common trends. Results have been used to inform treatment guidelines and the development of generic antimalarial medicines.

Currently, the IDDO data platform has five active research themes: malaria (WWARN), non-malarial febrile illness (NMFI), Ebola, visceral leishmaniasis and medicine quality. Additional themes are in development or being scoped for feasibility including Chagas disease, melioidosis, scrub typhus and viral haemorrhagic fevers and beyond. By 2023, IDDO aims to add further research themes to the platform portfolio. The IDDO model is built upon the fact that we can achieve significant economies of scale by adapting existing infrastructure for new diseases.

IDDO's secretariat is based in the Centre for Tropical Medicine and Global Health at Oxford University but works in strong collaboration with research communities on the ground and in real time to identify and prioritise research questions and provide tools and resources that improve the design and quality of clinical studies. We standardise and pool individual-patient data and facilitate complex meta-analyses to generate evidence on the efficacy of existing medicines, inform the development of new ones and advance understanding of disease. We disseminate the resulting evidence widely to inform policy and future research. This forms a virtuous cycle that enables the continual advancement of knowledge, builds capacity for evidence-based practice, and fosters equity.

Using its three strategic themes of *Build, Curate and Innovate*, IDDO is:

- Establishing an accessible and trusted infectious diseases observatory which acts as the central repository for data that contributes to the evidence base for understanding treatment of selected neglected poverty-related diseases and emerging infections.
- Ensuring the long-term security and accessibility of data.

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- Gathering and sharing best methodological clinical research practices, to improve data capture, management and integration of clinical, epidemiological, pharmacological/pharmacometric and laboratory-based studies;
- Developing tools to facilitate the use of these standards in prospective clinical trials in infectious diseases;
- Engaging the scientific community to implement and evolve these tools as the gold standard across poverty-related diseases and emerging infections fields;
- Developing governance policies to establish fair conditions of use, and mechanisms to ensure that the contributions of those generating the data are properly recognised, so that data are made available for effective and responsible data sharing.

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How to apply

Before submitting an application, you may find it helpful to read the 'Tips on applying for a job at the University of Oxford' document, at https://www.ox.ac.uk/about/jobs/professionalandmanagement/ https://www.ox.ac.uk/about/jobs/research/

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.

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.

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)

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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 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.

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.

Important information for candidates

Training

You are required to undertake mandatory training as required by the University, Division and Department. The specific list of training courses may change from time-to-time, in response to both legal and internal University requirements.

Pre-employment screening

Please note that the appointment of the successful candidate will be subject to standard pre-employment screening, as applicable to the post. This will include right-to-work, proof of identity and references. 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/.

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/. The University's Policy on Data Protection is available at: 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. From 1 October 2017, the University has adopted an EJRA of 30 September before the 69th 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+/.

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+/.

From 1 October 2017, 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 and 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/

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/

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.

Family-friendly benefits

The University subscribes to My Family Care (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 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/

Other benefits

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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