Further Particulars

<table>
<thead>
<tr>
<th>Job title</th>
<th>University Lecturer in the Statistics and Mathematics of Information</th>
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<tr>
<td>Grade</td>
<td>9</td>
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<tr>
<td>Salary range</td>
<td>£39,992 -£50,618</td>
</tr>
<tr>
<td>Staff Group</td>
<td>University Lecturer</td>
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<tr>
<td>Department / Institution</td>
<td>Statistical Laboratory within DPMMS</td>
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Further Particulars for Applicants

Department of Pure Mathematics and Mathematical Statistics (DPMMS)

The Department of Pure Mathematics and Mathematical Statistics (DPMMS) is one of the two mathematics departments in Cambridge, the other being the Department of Applied Mathematics & Theoretical Physics. The Statistical Laboratory is a sub-department of DPMMS. Together with the Isaac Newton Institute, the two departments occupy the Centre for Mathematical Sciences (CMS). The CMS is a beautiful development west of the city centre and close to other Science Departments. The accommodation is of the highest quality and was designed by mathematicians and architects to facilitate the study of mathematics. It comprises offices, meeting rooms, seminar/lecture rooms, and common rooms, and is equipped with an excellent computer network. It may be viewed at https://www.dpmms.cam.ac.uk/about/photos/

DPMMS comprises at present about 40 tenured staff, more than 70 post-doctoral members of the Department and more than 90 PhD students. DPMMS and DAMTP gained excellent quality profiles in the 2014 Research Excellence Framework. See http://www.ref.ac.uk

The Faculty holds an Athena SWAN Bronze award for promoting women in Science, Technology, Engineering and Medicine and supports the aims of the Charter Scheme and the LMS Good Practice Scheme in seeking to advance women's careers in the mathematical sciences. New staff are mentored and all staff are offered advice on career and promotion opportunities. The research environment in DPMMS is very lively. Many regular seminar series meet weekly during term, and there is a steady stream of short-and long-term visitors from around the world.

The Cantab Capital Institute for the Mathematics of Information

The Cantab Capital Institute for the Mathematics of Information will perform data science research at the highest international level, aiming to extract relevant information from large- and high-dimensional data with predictable certainty. The aim of the Institute is to advance data science by developing fundamental
mathematical techniques, involving mathematical expertise ranging from statistics, applied and computational analysis, to topology and discrete geometry.

The Institute will also focus on interdisciplinary engagement with, for example: economists and social scientists, on questions about financial markets and the internet, physicists and engineers on software and hardware development questions in the context of security, imaging and structured data processing, as well as biomedical scientists on data science in healthcare and biology.

Further information for CCIMI is available at: http://www.ccimi.maths.cam.ac.uk/

Appointment Process

This post is available from 1st October 2018 or by mutual agreement. The salary is in the range £39,992 - £50,618 and the post-holder will be eligible for membership of the Universities Superannuation Scheme. (Fuller details at http://www.pensions.admin.cam.ac.uk/) The holiday entitlement (28 days + public holidays) will normally be taken outside the University Full Term.

Informal enquiries should be directed in the first instance to either Professor Richard Samworth (Statistical Laboratory, r.samworth@statslab.cam.ac.uk) or Dr Carola-Bibiane Schoenlieb (Director of the Cantab Capital Institute for the Mathematics of Information, C.B.Schoenlieb@damtp.cam.ac.uk).

To submit an application for this vacancy, please click on the link in the ‘Apply online’ section of the advert published on the University’s Job Opportunities pages at http://www.jobs.cam.ac.uk/job/11847/. This will route you to the University’s Web Recruitment System, where you will need to register an account (if you have not already) and log in before completing the online application form. Please upload a letter of application, a CV and a Publication List, along with research and teaching statements. Please also indicate the contact details of three academic referees and ensure that they are aware that they will be contacted by the Mathematics HR Office Administrator to request that they upload a reference for you to our Web Recruitment System.

Closing date: 1st December 2017

Interview dates: Interviews will take place in January

The University of Cambridge values diversity and committed to equality of opportunity. The Department would particularly welcome applications from women, since women are, and have historically been, underrepresented on our academic staff.

Pre-employment Checks

We have a legal responsibility to ensure that you have the right to work in the UK before you can start working for us. If you do not have the right to work in the UK already, any offer of employment we make to you will be conditional upon you gaining it. If you need further information, you may find the Right to Work page within the ‘Applying for a job’ section of the University’s Job Opportunities pages helpful (please see http://www.jobs.cam.ac.uk/right/have/).
General Information

The University of Cambridge

The University of Cambridge is one of the world’s oldest and most successful Universities, with an outstanding reputation for academic achievement and research. It was ranked first in the 2011 QS World University Rankings and its graduates have won more Nobel Prizes than any other university in the world. The University comprises more than 150 departments, faculties, schools and other institutions, plus a central administration and 31 independent and autonomous colleges.

The University and the Colleges are linked in a complex historical relationship. The Colleges are self-governing, separate legal entities which appoint their own staff. They admit students, provide student accommodation and deliver small group teaching (supervisions). The University awards degrees and its faculties and departments provide lectures and seminars for students, determine the syllabi for teaching and conduct research.

There is much more information about the University at http://www.cam.ac.uk/univ/works/index.html which we hope you will find helpful.

What the University can offer you

One of our core values at the University of Cambridge is to recognise and reward our staff as our greatest asset. We realise that it's our people who have built our outstanding reputation and that we will only maintain our leading position in the academic world by continuing to attract and retain talented and motivated people. If you choose to come and work with us, you will find that we offer:

- **Excellent benefits** – You will be eligible for a wide range of competitive benefits and services, including numerous discounts on shopping, health care, financial services and public transport. We also offer defined benefits pension schemes and tax-efficient bicycle, car lease and charity-giving schemes.

  We will help you balance your home and work life by providing you with generous annual leave entitlement and procedures for requesting a career break or flexible working arrangements if you need them. You will also have access to a range of well-being support services, including in-house Occupational Health and Counselling services. If you have childcare responsibilities, you may also benefit from the enhanced maternity/adoption pay, two nurseries and a holiday play scheme that we provide.

  We are keen to welcome new employees from other parts of the UK and other countries to Cambridge. If you will be relocating to Cambridge on a centrally funded appointment of two years or more, you may be eligible for our relocation expenses scheme. The University Accommodation Service (http://www.accommodation.cam.ac.uk/) will also be available to help you find suitable rented accommodation and to provide advice on renting arrangements and local facilities, if required. In addition, certain academic and academic-related appointments are eligible for the Shared Equity Scheme which offers financial assistance with the purchase of living accommodation.

- **A welcoming and inclusive environment** - We will help you settle into your new role and working environment through a central University induction event, local induction activities and our online...
induction package. Where appropriate to your role, you will have a probation period to provide a supportive framework for reviewing your progress and discussing your training and development needs.

If you are relocating to Cambridge, you and your family will be welcome to attend the Newcomers and Visiting Scholars Group, which provides an opportunity to find out more about Cambridge and meet other people new to the area.

- **Extensive development opportunities** - The encouragement of career development for staff is one of the University's core values. We put this into practice through various services and initiatives, including:
  - A [wide-range of training courses](#) and online learning packages.
  - The [Staff Review and Development (SRD) Scheme](#), which is designed to enhance work effectiveness and facilitate career development post-probation.
  - [Leave for career and personal development](#), including long-term study leave for assistant staff and sabbatical leave for academic staff.
  - The [CareerStart@Cam programme](#), which supports assistant staff roles without higher education qualifications to develop their skills, experience and qualifications. Assistant staff may also apply for financial assistance for study which results in a qualification.
  - [Reduced staff fees](#) for University of Cambridge graduate courses.
  - The opportunity to attend [lectures and seminars](#) held by University departments and institutions.
  - Policies and processes dedicated to the career development of researchers and the implementation of the principles of the Concordat, which have led to the University being recognised with an HR Excellence in Research Award by the European Commission.

You can find further details of the benefits, services and opportunities we offer can be found in our CAMBens Employee Benefits web pages at [http://www.hr.admin.cam.ac.uk/pay-benefits/cambens-employee-benefits](http://www.hr.admin.cam.ac.uk/pay-benefits/cambens-employee-benefits). A range of information about living and working in Cambridge is also available to you within the University's web pages at [http://www.jobs.cam.ac.uk/](http://www.jobs.cam.ac.uk/) and [http://www.hr.admin.cam.ac.uk/hr-staff/information-staff](http://www.hr.admin.cam.ac.uk/hr-staff/information-staff).

**Equality of Opportunity at the University**

We are committed to a proactive approach to equality, which includes supporting and encouraging all under-represented groups, promoting an inclusive culture and valuing diversity. We make selection decisions based on personal merit and an objective assessment against the criteria required for the post. We do not treat job applicants or members of staff less favourably than one another on the grounds of sex (including gender reassignment), marital or parental status, race, ethnic or national origin, colour, disability (including HIV status), sexual orientation, religion, age or socio-economic factors.

We have various diversity networks to help us progress equality; these include the Women’s Staff Network, the Disabled Staff Network, the Black and Minority Ethnic Staff Network and the Lesbian, Gay, Bisexual and Transgender Staff Network. In addition, we were ranked in the top 100 employers for lesbian, gay and bisexual (LGB) staff in Stonewall’s Workplace Equality Index 2013 and we hold an Athena SWAN silver award at organisation level for promoting women in Science, Technology, Engineering and Medicine.

We are supportive of staff with caring responsibilities, such as through our flexible working, career break and returning carers schemes. We encourage individuals to include details of any breaks in employment
due to caring responsibilities in applications for employment so that these can be taken into consideration in assessments made, where appropriate.

Information if you have a Disability

The University welcomes applications from individuals with disabilities and we are committed to ensuring fair treatment throughout the recruitment process. We will make adjustments to enable applicants to compete to the best of their ability wherever it is reasonable to do so, and, if successful, to assist them during their employment. Information for disabled applicants is available at http://www.admin.cam.ac.uk/offices/hr/staff/disabled/.

We encourage you to declare any disability that you may have, and any reasonable adjustments that you may require, in the section provided for this purpose in the application form. This will enable us to accommodate your needs throughout the process as required. However, applicants and employees may declare a disability at any time.

If you prefer to discuss any special arrangements connected with a disability, please contact, Ms Julie Bazin in the HR Office, who is responsible for recruitment to this position, on 01223 764289 or by email on hr-office@maths.cam.ac.uk or by post to Department of Pure Mathematics and Mathematical Statistics, Wilberforce Road, CAMBRIDGE CB3 0WB. Alternatively, you may contact the HR Business Manager responsible for the department you are applying to via hrenquiries@admin.cam.ac.uk.