UNIVERSITY OF CAMBRIDGE
Department of Pure Mathematics and Mathematical Statistics
STATISTICAL LABORATORY

LECTURESHIP AND FELLOWSHIPS

Applications are invited for the following positions, which will be filled from 1st October 1998 or before.

Temporary Lectureship. A two-year fixed-term position at Assistant Lecturer level, open to candidates with interests in any area of probability, mathematical statistics, mathematics of operations research, or ergodic theory. The successful applicant will be expected to contribute to the teaching and research programmes of the Laboratory. Current age-related salary scale £16,045–£21,016. It is normal (but not obligatory) for staff to undertake supervision of undergraduates for the Colleges of the University, thereby supplementing their salaries.

UBS Research Fellowship in Financial Mathematics. A two-year post-doctoral research fellowship, funded by the Union Bank of Switzerland (UBS). The position is associated with a collaboration between UBS, the Statistical Laboratory, and the Department of Mathematics of the Eidgenössiche Technische Hochschule, Zürich (ETH), and provides an excellent opportunity for candidates with an interest in the application of theory to the market environment. It is expected that the person appointed will be a recent PhD with an outstanding record and direct research experience in financial mathematics or expertise in an appropriate area of applicable mathematics. The salary will be competitive.

Post-Doctoral Fellowships in Stochastic Analysis, funded jointly by the Isaac Newton Trust and the TMR Programme of the European Union (within the EU programme on Stochastic Analysis and its Applications). The successful applicant will work on one or more aspects of probability and stochastic analysis, and is expected to have a recent PhD in an appropriate field. Each fellowship will last for between six months and two years, and it is anticipated that at least two years of funding will be available for fellowships in Cambridge. Applicants must come from a member state of the EU or an Associated State. *UK residents may not apply to Cambridge*. Applicants are encouraged to consult the web page given beneath for details of eligibility and method of application.

Research Assistantship in Dynamics of Non-Expanding Maps. A three-year EPSRC funded post-doctoral research assistantship to work with Dr Colin Sparrow (Cambridge) and Dr Jeremy Gunawardena of the Basic Research Institute in the Mathematical Science (BRIMS), Hewlett-Packard. The project aims to make progress in understanding the theory and applications of non-expanding maps. Applicants should have, or shortly expect to receive, a PhD in a relevant area of mathematics. The successful applicant will be based in Cambridge, and will visit BRIMS on a regular basis. Appointment will be made on the age-related RA 1A scale (£15,159–£21,016).

The Statistical Laboratory is a sub-department of the Department of Pure Mathematics and Mathematical Statistics. It was the unique body in the UK to be awarded the highest grade of 5 in the 1996 Research Assessment Exercise under the subject heading of Statistics and Operational Research.*

Applicants should state clearly which positions they are applying for, and should send a curriculum vitae, including nationality and date of birth, together with a list of publications, to

The Director, Statistical Laboratory, 16 Mill Lane, Cambridge CB2 1SB.

The closing date for applications is **31st January 1998**. Applicants should arrange for three academic referees to send letters of recommendation directly to the Director, to arrive by **7th February 1998**. Further information about the Laboratory and these vacancies may be found on the web at **http://www.statslab.cam.ac.uk/.**

The University aims to achieve the highest quality in teaching and research.
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