

Lecturer in Mathematics and Statistics

Faculty	Faculty of Science (Faculty of Science (www.strath.ac.uk/science/))		
Department	Mathematics and Statistics (www.strath.ac.uk/mathstat/)		
Staff Category	Academic	Reference No	31784
Reports To	Head of Department	Grade:	7/8
Salary Range:	£34576 - £47801	Contract Type:	Open Contract
FTE:	1	Closing Date	Tuesday, 22 March 2016

Job Advert

Applications are invited from suitably qualified candidates for the post of Lecturer in Mathematics or Statistics in the Department of Mathematics and Statistics. The successful applicant will have responsibilities for teaching, research, knowledge exchange and administration. The applicant should have strong research interests Applied Mathematics and/or Statistics. The Department has a wide range of research interests including applied analysis, numerical analysis, stochastic analysis, applied mathematics, scientific computing and their applications to finance, industry, mathematical modelling, complex networks, spatial and time series modelling and epidemiology and population dynamics. The applicant should also have a strong interest in teaching and postgraduate supervision. One responsibility of the post will be to provide academic oversight of our **Master's** degree in Quantitative Finance and so it would be highly desirable that the candidate should have a background in stochastic processes/ statistics/probability/mathematical finance and/or a willingness to develop their research in this direction.

Research Starter Grant

The Faculty of Science offers a Research Starter Grant to all new full-time, non-professorial, academic staff within the Faculty. The Grant may be used for any purpose that assists staff to establish their Strathclyde research career and to assist in attracting additional funding for research from external sources. Any grant awarded will be to a maximum of £10,000, and the planned expenditure of the award is normally for a period of 18 months. Departments may, however, add to the value of this award.

Job Description

Brief Outline of Job:

To pursue and establish an independent and high quality research programme; to design and deliver a range of teaching materials and undertake student assessment activities; to engage in relevant professional and knowledge exchange activities; and to carry out administrative tasks assigned by the Head of Department.

Main Activities/Responsibilities:

1. Engage in individual and collaborative research, establishing a distinctive programme of research and disseminating results through regular publications in high impact journals, books and conference proceedings.
2. Apply, as Principal or Co-Investigator, to appropriate external bodies for research funding and manage grants awarded.

3.	Supervise research students and staff as required, providing direction, support and guidance.
4.	Design and deliver a range of teaching materials at undergraduate and postgraduate levels, including contribution to curriculum review and enhancement, in a manner that supports a research-led approach to student learning.
5.	Undertake student assessment and examination activities, including the provision of appropriate feedback to students.
6.	Develop knowledge exchange activities by, for example, establishing research and/or educational links with industry and influencing public policy and the professions.
7.	Carry out Department, Faculty and/or University administrative and management functions, for example through membership of committees and/or by acting as a year co-ordinator.
8.	Engage in continuous professional development.

Person Specification

Educational and/or Professional Qualifications

(E=Essential, i.e. a candidate must meet all essential criteria to be considered for selection, D=Desirable)

E.1 Good honours degree and PhD (or equivalent) in Mathematics or Statistics or a related discipline

D.1 Membership of relevant Chartered/professional bodies (including the Higher Education Academy).

Experience

E.2 A body of published research in high quality publications demonstrating standards of excellence.

E.3 Relevant teaching experience at undergraduate and/or post graduate levels.

D.2 Experience of student assessment activities.

D.3 A research background and / or teaching experience in any area of Mathematics or statistics that is relevant to finance.

D.4 Track record in knowledge exchange related activities.

Job Related Skills and Achievement

E.4 Research interests consistent with the strategic direction of the Department.

E.5 Ability to work within an academic team environment and lead teams where required.

E.6 Ability to secure research funding, including experience of contributing to grant applications.

D.5 Track record of securing research funding.

D.6 Experience of multi/interdisciplinary research

D.7 Experience of managing research/teaching activities and teams

D.8 Experience of curriculum development

Personal Attributes

E.7 Excellent interpersonal and communication skills, with the ability to listen, engage and persuade, and to present complex information in an accessible way to a range of audiences.

Application Procedure

Applicants are required to complete an application form including the name of three referees who will be contacted before interview without permission, unless you indicate you would prefer otherwise. Applicants should also submit a Curriculum Vitae and a covering letter as a single document detailing the knowledge, skills and experience you think make you the right candidate for the job as well as a Research Plan outlining your research strategy for the next 5 years. Applicants should also complete the Equal Opportunities Monitoring Form.

Other Information

Further information on the application process and working at Strathclyde can be found on our website (<http://www.strath.ac.uk/hr/workforus>).

Informal enquiries about the post can be directed to Professor Iain Stewart (i.w.stewart@strath.ac.uk, Tel: +44-(0)141-548-3665).

Pre-employment health screening

An offer of appointment will be subject to a medical assessment by Occupational Health. An individual who accepts an offer of employment must complete a confidential medical questionnaire and forward it to the Occupational Health Nurse within 5 days of receipt. If further information is required the individual may be contacted by the OHN or a Medical Advisor and a personal appointment with the individual may be arranged. An unconditional contract of employment will not be issued until Human Resources receives confirmation that applicant is fit to undertake the duties of the post.

Probation

Where applicable, the successful applicant will be required to serve a 3 year probationary period.

Pension

The successful applicant will be eligible to join the Universities' Superannuation Scheme. Further information regarding this scheme is available from [Payroll and Pensions](#).

Relocation

Where applicable, the University offers a relocation package to support new employees who meet the eligibility criteria. The relocation package is offered as a contribution towards costs incurred, and is designed to be flexible, allowing staff to use the financial support available in the way that will be most helpful to them. Further details are outlined in the Relocation Policy.

Interviews

Formal interviews for this post will be held mid-April 2016.

Equality and Diversity

We value diversity and welcome applications from all sections of the community.

The University currently holds a Bronze Athena SWAN award, recognising our commitment to advancing women's careers in science, technology, engineering, maths and medicine (STEMM) employment in academia.

