Lecturer (Teaching & Scholarship) in Statistics

University of York
York, UK
39,609 to £42,036
APPLY

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The Department of Mathematics is seeking to appoint a five-year lectureship in Statistics to contribute to the continued strength of this field at York. The appointee will teach undergraduates and on the group's successful MSc in Statistics and Computational Finance

Role

- To lecture, lead seminars and tutorials, supervise projects and deliver other forms of undergraduate and postgraduate teaching
- To develop and apply innovative and appropriate teaching techniques and material which create interest, understanding and enthusiasm amongst students
- To carry out on-going curriculum review, including teaching content and materials and contribute to the development of teaching and learning strategies
- To undertake effectively a range of administrative and managerial responsibilities
- To provide pastoral and academic supervision for students
- To investigate innovative teaching, learning and assessment methods and techniques in the sector generally, bringing new insights to the department

Skills, Experience & Qualification needed

- Postgraduate degree in Statistics or equivalent experience
- Appropriate academic professional and teaching qualification or equivalent experience, or a willingness to complete the Postgraduate Certificate in Academic Practice
- Extensive knowledge in Statistics to design & develop teaching programmes and the provision of learning support across different levels of academic activity
- Knowledge of a range of teaching techniques and methodologies
- Advanced and specialist IT knowledge
• Specific knowledge of Statistics that would enable supervision of undergraduate and postgraduate students

• Highly developed communication skills to engage effectively with a wide ranging audience, both orally and in writing, using a range of media

• Ability to innovate in teaching and learning, e.g. through the development of teaching materials

• Ability to teach at any level within your area of expertise, and across a range of subjects at a more introductory level, and demonstrate enthusiasm and commitment in the process of teaching

• Ability to present specialist material in a logical, coherent and interesting manner, both to students and to fellow specialists

• Ability to obtain new knowledge by theoretical and/or practical methods

• Ability to maintain your own scholarship and intellectual development in Statistics and its teaching

• Ability to disseminate scholarly work, for example presenting papers at conferences and workshops, development of appropriate websites and publishing articles or papers in academic journals

• Experience in teaching and learning in HE at undergraduate or postgraduate level or in an evidenced similar context

• Experience of using different delivery techniques to enthuse and engage students

• Evidence of successful planning and teaching design across a range of modules

• Evidence of lecturing, leading seminars, tutorials and other forms of undergraduate and postgraduate teaching

This post is available on an open basis from 1 August 2019. Funding is currently available for 5 years and during your employment your manager will keep you informed of the funding situation.

Enquiries may be made to Prof Niall MacKay (niall.mackay@york.ac.uk) or Prof Degui Li (degui.li@york.ac.uk).

The Department of Mathematics holds an Athena SWAN Bronze Award, and is committed to supporting equality and diversity for all staff and students.

For further information and to apply on-line, please click on the ‘Apply’ button above.