



UNIVERSITY OF LEEDS

## CANDIDATE BRIEF

Lecturer (Teaching and Research) or Associate Professor in Statistics,  
Faculty of Engineering and Physical Sciences



**Salary: Grade 8 (£45,585 – £54,395 p.a.) or Grade 9 (£56,021 – £64,914 p.a.)**

**Reference: EPSMA1105**

**Closing date: Wednesday 24 April 2024**

**We are open to discussing flexible working arrangements**

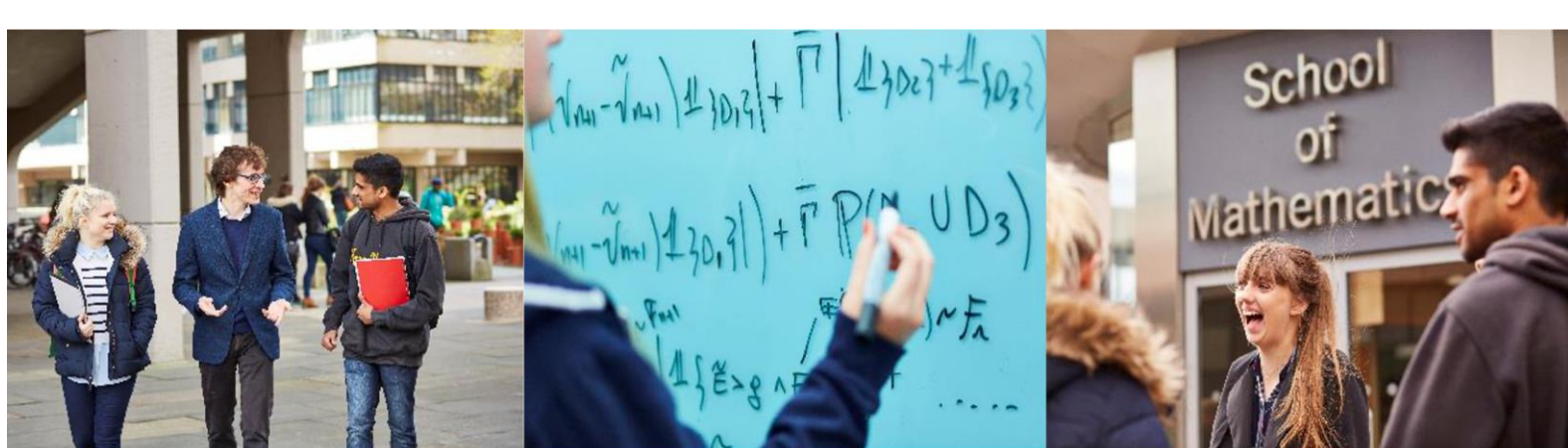
## Lecturer (Teaching and Research) or Associate Professor in Statistics, School of Mathematics.

**Are you an academic with a proven ability to carry out teaching and research in Statistics or Data Science? Do you have an excellent research record? Are you passionate about delivering an exceptional student experience in a research-intensive Russell Group University?**

We are seeking a talented researcher in Statistics to join the Department of Statistics within our School of Mathematics. This role is part of ongoing investment by the University in the areas of Statistics and Data Science. You will be joining a large Department of Statistics comprising around 27 staff with research interests in Statistics, Data Science, Statistical Bioinformatics, Financial Mathematics and Probability. We welcome applicants with multidisciplinary interests; the Department has links to many other areas such as the Schools of Medicine, Earth & Environment, Business, Transport Studies and Computing as well as to the Leeds Institute of Data Science and the Alan Turing Institute. You will have a strong research profile with the ability to collaborate effectively in a multidisciplinary setting, an aspiration to obtain external research funding and a commitment to delivering first-class inspirational teaching and supervision within a research-intensive university.

As a Lecturer, you will carry out research, teaching and associated administration within the School, Faculty and University and contribute to academic leadership in the field of Statistics. For appointments at Associate Professor Level, you must also be able to demonstrate international standing in your field, a track record of successful and substantive grant applications, the capacity to deliver an outstanding student experience and an ability to undertake successful academic leadership.

The School of Mathematics supports the [London Mathematical Society Good Practice Scheme](#). The School also offers a number of family-friendly employment practices that are designed to enable a good work-life balance.





## What does the role entail?

As a Grade 8 Lecturer (Teaching and Research), your main duties will include:

- Contributing to the delivery of an exceptional student education and overall experience within the School through:
  - Delivering high-quality research-led teaching, including assessment and examinations in a timely manner at different levels and through different modes of study (on-campus, on-line and/or off-site);
  - Supervision of undergraduate and taught postgraduate student projects;
  - Providing support, guidance and timely feedback to students, acting as a personal tutor, resolving issues or referring to specialist parties where appropriate;
  - The development and delivery of modules and degree programmes within the School, including the development of innovative educational approaches, and participating in review and quality assurance.
- Developing and delivering a planned programme of research and innovation in Statistics with impact at an international level. This will include:
  - Being actively involved in research, innovation and impact at a national and international level, as well as contributing to local School/Faculty activity;
  - Maintaining a record of high-quality research outputs including publications and conference presentations;
  - Attracting research funding individually and collaboratively to underpin your research plan;
  - Building academic networks to enable the integration of your own research area with other research interests within and, as appropriate, outside the School of Mathematics;
  - Providing research supervision and helping to attract funded postgraduate research students to the University.
- Contributing effectively to the administrative processes and committee structures of the School/Faculty including taking on leadership roles and where appropriate, managing initiatives which facilitate School, Faculty or University performance.



As a Grade 9 Associate Professor, your main duties will also include:

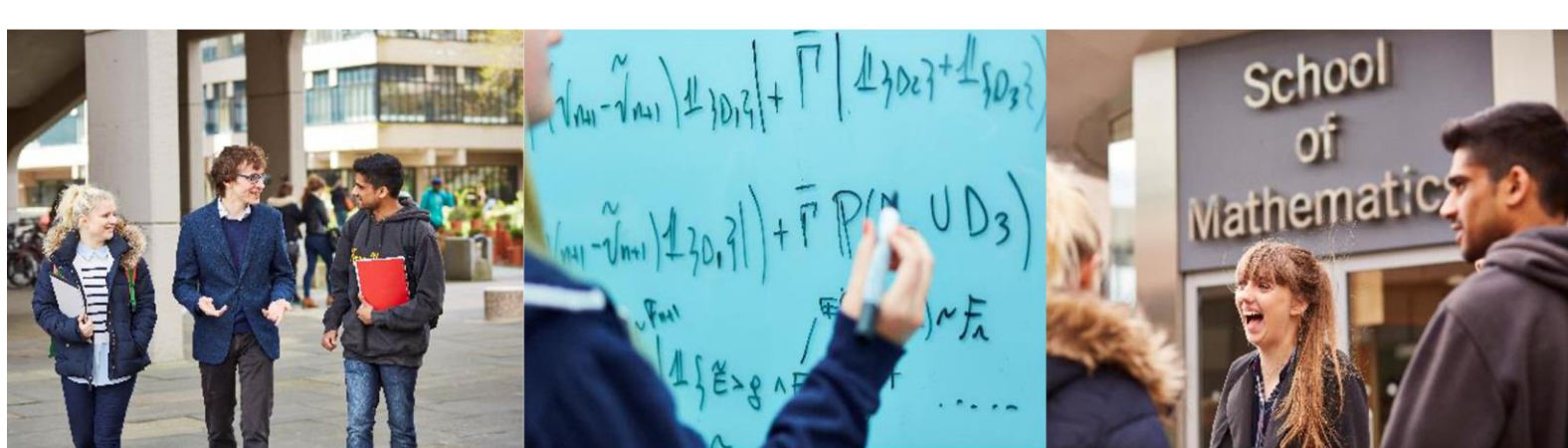
- Promoting the discipline of Statistics nationally and internationally, winning prestige for both the discipline and the University;
- Pursuing, leading and developing the strategic direction of research, innovation and impact at an appropriately benchmarked level, attracting research income and collaborating widely with leading academic and industrial organisations on an individual and collaborative basis to underpin high quality research activity and programmes/projects;
- Being recognised as an authority in your field, developing and maintaining an external profile as appropriate to the discipline;
- Playing a significant role in the design, development, planning and review of modules and programmes within the subject area as required;
- Managing or leading major initiatives or areas of work (as either sustained or one-off projects) as well as taking on leadership roles which facilitate School, Faculty or University performance as required.

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

## What will you bring to the role?

As a Grade 8 Lecturer (Teaching and Research), you will have:

- A PhD in Statistics, Data Science, or a closely related subject;
- A proven ability to deliver effective student education in Statistics in a University, with an enthusiastic approach to teaching and the ability to communicate and interact effectively with students in ways that will enhance the student experience;
- Experience of proactively developing new teaching approaches and materials;
- Experience of providing postgraduate student supervision;
- A track record of research outputs in refereed publications of internationally excellent quality;
- A successful record of obtaining external research funding, commensurate with your career stage, with the potential for obtaining further funding in the future;
- The ability to develop research networks and interdisciplinary collaborations through effective communication;



- An ability to contribute to management and administrative processes and structures, including managing resources and staff.

As a Grade 8 Lecturer (Teaching and Research), you may also have:

- Experience of contributing to academic leadership;
- Experience of undertaking outreach and publicity activities;

As a Grade 9 Associate Professor, you will also have:

- An international reputation, including a sustained track record of raising research funds from national and/or international funding agencies;
- A sustained track record of research outputs as a single or main author of refereed publications of internationally excellent quality;
- Significant experience of teaching effectively at all levels within higher education, including module and programme design, review and development.

As a Grade 9 Associate Professor, you may also have:

- Experience of PhD supervision, acting as primary supervisor to successful doctoral graduates;
- An ability to build partnerships with industrial, professional, and public sector organisations on interdisciplinary collaboration, knowledge exchange and funding.

## How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information page. Applications should be submitted by **23.59** (UK time) on the advertised [closing date](#).





## Contact information

To explore the post further or for any queries you may have, please contact:

**[Dr Stuart Barber](#)**, Head of Department, **[Department of Statistics](#)**

Email: [S.Barber@leeds.ac.uk](mailto:S.Barber@leeds.ac.uk)

OR

**[Professor Kurt Langfeld](#)**, Head of School, **[School of Mathematics](#)**

Email: [K.Langfeld@leeds.ac.uk](mailto:K.Langfeld@leeds.ac.uk)

## Additional information

**Please note:** If you are not a British or Irish citizen, you will require permission to work in the UK. This will normally be in the form of a visa but, if you are an EEA/Swiss citizen and resident in the UK before 31 December 2020, this may be your passport or status under the EU Settlement Scheme.

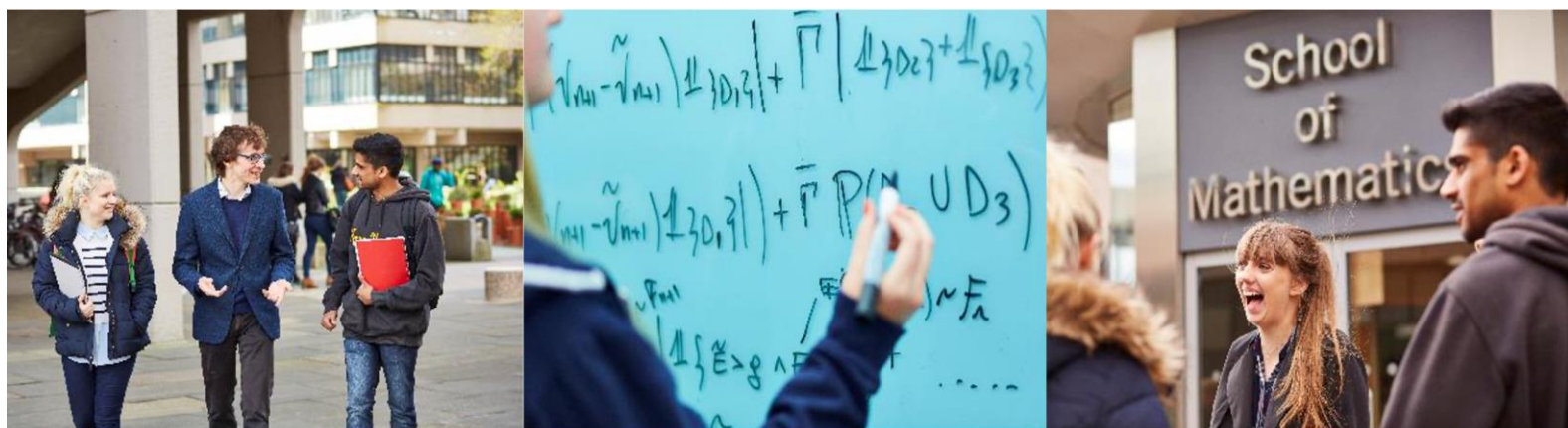
### Faculty and School Information

Further information is available on the research and teaching activities of the [Faculty of Engineering & Physical Sciences](#), and the [School of Mathematics](#).

### A diverse workforce

As an international research-intensive university, we welcome students and staff from all walks of life and from across the world. We foster an inclusive environment where all can flourish and prosper, and we are proud of our strong commitment to student education. Within the Faculty of Engineering and Physical Sciences we are dedicated to diversifying our community and we welcome the unique contributions that individuals can bring, and particularly encourage applications from, but not limited to Black, Asian and ethnically diverse people; people who identify as LGBT+; and people with disabilities. Candidates will always be selected based on merit and ability.

The Faculty of Engineering and Physical Sciences are proud to have been awarded the Athena SWAN [Silver](#) Award from the Equality Challenge Unit, the national body that promotes equality in the higher education sector. Our [equality and inclusion webpage](#) provides more information.



## **Working at Leeds**

We are a campus-based community and regular interaction with campus is an expectation of all roles in line with academic and service needs and the requirements of the role. We are also open to discussing flexible working arrangements. To find out more about the benefits of working at the University and what it is like to live and work in the Leeds area visit our [Working at Leeds](#) information page.

## **Information for disabled candidates**

Information for disabled candidates, impairments or health conditions, including requesting alternative formats, can be found on our [Accessibility](#) information page or by getting in touch with us at [hr@leeds.ac.uk](mailto:hr@leeds.ac.uk)

## **Criminal record information**

### **Rehabilitation of Offenders Act 1974**

A criminal record check is not required for this position. However, all applicants will be required to declare if they have any 'unspent' criminal offences, including those pending.

Any offer of appointment will be in accordance with our Criminal Records policy. You can find out more about required checks and declarations in our [Criminal Records](#) information page.

