Research Associate – SL28619 (Reference)

MRC Biostatistics Unit, University of Cambridge

Fixed Term until 31st March 2024

Salary Range: £33,309-£40,927

An exciting opportunity has arisen for a highly motivated and talented post-doctoral biostatistician, statistician or researcher in machine learning to join Dr Brian Tom's group at the MRC Biostatistics Unit, Cambridge University, to work on developing and applying methodology for estimating optimal treatment regimes to data arising from observational cohort studies, trials or electronic health records within the area of precision medicine.

The successful candidate will have a PhD in a strongly quantitative discipline, ideally statistics or statistical machine learning, with experience in one or more of the following areas: longitudinal data analysis, event history modelling, causal inference and statistical machine learning. Experience with biomedical or epidemiological applications would be highly advantageous, but not essential. A desire to develop methodology for tailoring treatment decision making (including understanding the theoretical underpinnings) and to address questions of substantive biomedical importance is essential. The ability to work as part of a multi-disciplinary team and to communicate clearly and effectively is important. Good statistical programming skills are required.

The group has a number of collaborations locally, nationally and internationally. Current interests are in the areas of sub-group identification/patient stratification, longitudinal modelling with latent structures, clinical prediction modelling and treatment decision making either within a frequentist or Bayesian framework.

Further particulars can be found at https://www.jobs.cam.ac.uk/job/31926/file/Further+Particulars+%28SL28619%29+V3.pdf

For an informal discussion about this post, please contact Dr Brian Tom at: brian.tom@mrc-bsu.cam.ac.uk.

The MRC Biostatistics Unit is one of Europe's leading biostatistics research institutions. Our focus is to deliver new analytical and computational strategies based on sound statistical principles for the challenging tasks facing biomedicine and public health.

The Unit is situated on the Cambridge Biomedical Campus, one of the world's most vibrant centres of biomedical research, which includes the University of Cambridge's Clinical School, two major hospitals, the MRC Laboratory of Molecular Biology, and the world headquarters of Astra Zeneca.

The Unit is actively seeking to increase diversity among its staff, including promoting an equitable representation of men and women. The Unit therefore especially encourages applications from women, from minority ethnic groups and from those with non-standard career paths. Appointment will be made on merit.

We welcome applications from those wishing to work part-time.

Fixed-term: The funds for this post are available until 31 March 2024 in the first instance.

Applicants must have (or be close to obtaining) a PhD.

Appointment at Research Associate level is dependent on having a PhD. Those who have submitted but not yet received their PhD will initially be appointed as a Research Assistant (Grade 5, Point 38 £30,046) moving to Research Associate (Grade 7) upon confirmation of your PhD award.

Click the 'Apply' link (http://hrsystems.admin.cam.ac.uk/recruit-ui/apply/SL28619) to register an account with our recruitment system (if you have not already) and apply online.

Closing date for applications is: 10 April 2022

Interview date to be confirmed

Please ensure that you upload a covering letter and CV in the Upload section of the online application. The covering letter should outline how you match the criteria for the post and why you are applying for this role. If you upload any additional documents which have not been requested, we will not be able to consider these as part of your application.

Please include details of your referees, including email address and phone number, one of which must be your most recent line manager.

Please quote reference SL28619 on your application and in any correspondence about this vacancy.

The University actively supports equality, diversity and inclusion and encourages applications from all sections of society.

The University has a responsibility to ensure that all employees are eligible to live and work in the UK.