UNIVERSITY OF LEEDS

# CANDIDATE BRIEF

## Biomedical Programmer, Faculty of Medicine and Health


**Salary: Grade 5 (£23,067 to £26,715 per annum)**

**Reference: MHCTR1181**

**Closing date: 4 March 2020**

**Fixed term funding for 24 months from March 2020**

# Biomedical Programmer
# School of Medicine, Clinical Trials Research Unit

**Are you a highly numerate enthusiastic, graduate with a computing, maths or science qualification? Do you want to start a career in health research and use your skills to contribute to clinical trials research that impacts clinical practice?**

The Clinical Trials Research Unit (CTRU) is an international leader in the field of clinical trials. The Unit is one of the largest in the UK and conducts national and international randomised late phase and early phase clinical trials in a variety of clinical fields. Our main aim is to support the challenge of changing clinical practice for the better and our past results and current work have already helped to do this. Our results inform the academic development of this specialised field of clinical research on a national and international level. Particularly, we specialise in complex phase III platform trials, efficient phase I/II trials, biomarker driven designs, seamless phase II/III designs, adaptive designs and the development and evaluation of complex interventions.

You will join a large, well-established and supportive group of statisticians, methodologists and data managers to support the Unit's work on clinical trials. You will be responsible for performing programming activities in collaboration with teams in the Cancer Division, with supervision. You will develop, create, validate and maintain SAS programs for assigned projects in compliance with standard operating procedures. Projects will include safety reporting, producing randomisation schedules, statistical analysis programming and development and review of statistical report templates. You will be exposed to multiple studies and different trial teams including statisticians, data managers and IS assistants, always working with talented enthusiastic colleagues.

Working in a multidisciplinary team, you will have excellent interpersonal, communication and time management skills. You will have the opportunity to be exposed to a wide range of clinical trial research activities, as well as assisting trial statisticians in clinical trial and general consulting activities. Opportunities to undertake further Masters study may be possible.



You will be a highly talented and enthusiastic individual who is keen to be a key team member for SAS and programming expertise and guidance. You will have an excellent honours degree with a substantial computing, mathematical or statistical or life science component. Candidates will be introduced to, and immersed in, the ongoing programme of work at the CTRU.

## What does the role entail?

The biomedical programmer role involves developing and reviewing SAS programmes for a variety of uses, throughout the delivery and analysis of a wide range of clinical trials.

Your main duties will include:

- Producing datasets to the required specifications
- Producing tables, figures and listings to the required specification for safety and statistical reports
- Producing and validating SAS programmes for specific research projects
- Developing and testing randomisation schedules for clinical trials
- Ensuring quality and consistency in reporting and programming outputs
- Maintaining an up to date Continuing Professional Development file and identify training needs and opportunities.

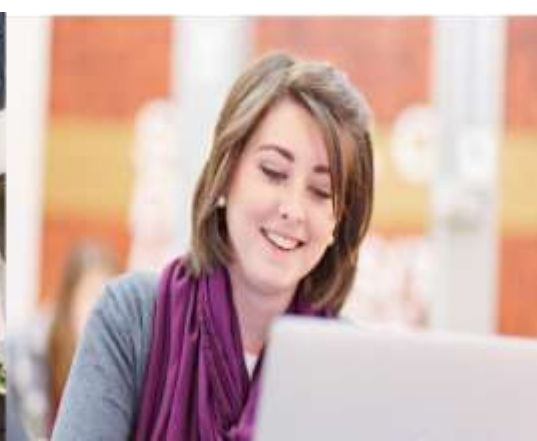
You will be provided with training and guidance in SAS programming techniques and report production, as required. These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

## What will you bring to the role?

As a biomedical programmer you will have:

- BSc with a major mathematical, statistical, computing or life science component
- Programming experience with a statistical computing package or command based package
- Effective interpersonal and communication skills





- Strong initiative, with the ability and willingness to keep abreast of new programming techniques
- Demonstrable evidence of being an effective team worker
- Ability to be flexible regarding meeting deadlines and prioritisation of tasks
- Proficiency in the use of MS Office

You may also have:

- Previous experience working as a SAS or biomedical programmer in the clinical research industry
- Clinical trials knowledge
- Experience working with people at a variety of levels

## How to Apply

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

## Contact Information

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

**Mr Andrew Hall, Principal Statistician**
Tel: +44 (0)113 343 1493; Email: A.Hall2@leeds.ac.uk

**Dr Sarah Brown, Associate Professor of Early Phase Clinical Trials in Cancer**
Tel: +44 (0)113 343 1472; Email: S.Brown@leeds.ac.uk

**Dr David Cairns, Associate Professor of Late Phase Clinical Trials in Cancer**
Tel: +44 (0)113 343 1712; Email: D.A.Cairns@leeds.ac.uk

## Additional Information

Find out more about the Clinical Trials Research Unit.



Find out more about the Faculty of Medicine and Health.

Find out more about Athena Swan in the Faculty of Medicine and Health.

**Working at Leeds**
Find out more about the benefits of working at the University and what it is like to live and work in the Leeds area on our Working at Leeds information page.

**Candidates with disabilities**
Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found on our Accessibility information page or by getting in touch with us at disclosure@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 accordance with our Criminal Records policy. You can find out more about required checks and declarations in our Criminal Records information.