Trials Statistician

Bangor, Wales

Website Bangor University
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Job Number: BU01441

School/Department: School of Healthcare Sciences

Grade: 7


Contract Duration: Available from 1/8/2017 until 31/1/2019 (with potential for further extension).

Responsible to: Principal Statistician

Closing Date: 30-07-2017

Applications are invited for the above position working as part of the Statistics team in the North Wales Organisation for Randomised Trials in Health and Social Care (NWORTH).

Working as part of a highly motivated team of statisticians, the post-holder will contribute to a range of grant submissions and active studies being undertaken at the Clinical Trials Unit. The post-holder will contribute to the design, management and analysis of clinical trials and other research studies being undertaken by NWORTH and will undertake statistical consultancy as part of NWORTH’s Research Design and Conduct Service for Betsi Cadwaladr University Health Board and Powys Teaching Health Board. In addition, they will work with the Director of NWORTH and Principal Statistician to help in the development of relevant methodological projects being undertaken at the Unit.

The successful candidate should have a MSc (Hons) in Statistics or Mathematics, (or an allied subject with a strong statistical component). They will have practical knowledge of several essential statistical methodologies and knowledge of at least one mainstream statistical software package. They must be able to demonstrate experience of undertaking statistical analysis of research projects. Excellent team working, written and oral communication skills are essential, as is the ability to prioritise and time-manage work activities.

Previous research experience in a healthcare or an educational environment would be an advantage.

The successful candidate will be expected to commence as soon as possible and this full-time post is initially available until 31st January, 2019 with the potential for this being extended.

Prospective applicants are encouraged to contact the following for informal discussions regarding the position: Dr Zoe Hoare, Principal Statistician, tel: (01248) 388840; e-mail: z.hoare@bangor.ac.uk.

Committed To Equal Opportunities
Bangor University:

Bangor is situated in the beautiful area of North West Wales between the mountains of Snowdonia and the famous Menai Straits. It offers unparalleled access to a wide range of outdoor pursuits including, climbing, walking, kayaking and sailing. With rail and dual carriageway access along the coasts to Liverpool and Manchester and a fast rail route to London, Bangor University’s location enables its staff and students to work and study in unrivalled natural surroundings, whilst still having access to the major conurbations.

Founded in 1884 and dedicated to academic excellence, in the recent Research Exercise Framework, it out-performed expectations in Healthcare Sciences, Psychology and Sports and Exercise Science. Three-quarters of Bangor’s research was classed as either world-leading or internationally excellent, ahead of the average for all UK Universities. It has over 9,000 students, 26 academic schools and over 550 research-active staff.

College of Health and Behavioural Sciences (CoHaBS):

The College of Health and Behavioural Sciences is one of five colleges at Bangor, a university that has regularly appeared in the top ten for “Student Satisfaction” in the National Student Survey. Bangor is a high calibre research led institution with over half of its Schools ranked in the top 20 in the UK in the Research Exercise Framework (REF) of 2014. With over 3,000 students and over 400 academic and support staff CoHaBS is a substantial part of the University and the College’s member schools are –

- School of Healthcare Sciences – Research Excellence Framework Top 20
- School of Medical Sciences
- School of Psychology – Research Excellence Framework Top 20
- School of Sport, Health and Exercise Sciences – Research Excellence Framework Top 10

The research within CoHaBS has had varied and wide ranging real world benefits in areas such as the economy, society, health and quality of life both within the UK and on the global stage and Faculty have research and consultancy links with a wide range of external organisations.

The College, through the University, is formally linked to the Betsi Cadwaladr University Health Board enabling an integrated approach to developing research, training, medical and healthcare education that serves the needs of North Wales and beyond.

The School of Healthcare Sciences:

Within the School our novel research focuses on knowledge production, synthesis, and utilisation is directed at generating high quality evidence and developing better understanding of the effectiveness and cost effectiveness of interventions, services and organisations. We develop and apply novel research methods to synthesise what is known, and to gain better understanding of how and why evidence or knowledge does or does not get used in practice. Our research covers a broad range of clinical topics, and we have high level international expertise across all aspects of research methodology. This expertise includes an internationally recognised research in evidence synthesis; implementation, or closing the gap between evidence and practice; language and cultural sensitivity; economic evaluation and clinical trials.

North Wales Organisation for Randomised Trials in Health (NWORTH):

The North Wales Organisation for Randomised Trials in Health is a registered clinical trials unit (CTU) which has full UKCRC registration and is one of the elements within the Health and Care Research Wales Infrastructure. The CTU is part funded by the Welsh Government, with key members of the team funded by an infrastructure grant from Health and Care Research Wales. With
a reputation as Britain’s leading Dementia Care Specialist Trials Unit and a history of pragmatic trials of complex interventions, NWORTH provides a wide range of research and development opportunities for its staff.

**Purpose of the Job:**

The post is part of an established team working in the area of clinical trials. The primary purpose of the post is to contribute to the design, management and analysis of clinical trials and other research studies being undertaken by the North Wales Organisation for Randomised Trials in Health and Social Care, (NWORTH), and to undertake statistical consultancy as part of NWORTH’s Research Design and Conduct Service for Betsi Cadwaladr University Health Board and Powys Teaching Health Board.

**Main Duties and Responsibilities:**

- To contribute to the design, management and analysis of research studies within the NWORTH Clinical Trials Unit.
- To contribute to developing statistical aspects of funding proposals and protocols for trials.
- To work as part of the Research Design and Conduct Service team within NWORTH.
- Be the main contact for assigned trials within the unit.
- To contribute to trial management groups and reporting committees of assigned trials as appropriate.
- Liaise with trial teams to develop accurate Case Report Forms for data capture in line with the protocol.
- To support and liaise with IT programmers and contribute to the development and the design of study/trial databases and randomisation systems.
- To maintain accurate records of statistical study documentation and status.
- To develop data management and analysis plans for interim and final analysis.
- To conduct or supervise checks on data completeness, data accuracy, data extraction, and managing statistical aspects of trials/studies.
- Executing analysis plans to a high standard of consistency maintaining an auditable trail allowing reproducibility of all analysis steps.
- Provide written reports on methods and analysis sets with appropriate tables to summarise analysis results to trial teams.
- Contribute to the preparation of papers for submission to peer reviewed journals, and contribute to authorship of research papers and reports.
- Prepare conference abstracts and present study findings at local level.
- Contribute to the training and development of the statistical team and other NWORTH members as appropriate.
- Contribute to the development of relevant methodological projects being undertaken at the Unit.

**Other Duties and Responsibilities:**

- The post holder will be expected to participate in performance review and developmental activities.
- The post holder will be expected to comply with the University’s equality policies and statements, Dignity at Work and Study Policy and the University’s Welsh Language Scheme.
- The post holder has a general and legal duty of care in relation to health, safety and wellbeing and must take all reasonable steps to ensure a safe and healthy working environment for him/her self and for other members of staff, students and visitors affected by his/her actions or inactions. The post holder is also required to comply with all applicable health and safety policies, procedures and risk assessments.
• The post holder must comply with relevant legal and financial policies and procedures and be aware of their responsibilities in terms of the legal requirements of their posts.

**Person Specification:**

Qualifications/Training

**Essential:**

- MSc in Statistics, Mathematics or an allied subject with a strong statistical component.

**Desirable:**

- PhD in Statistics, Mathematics or an allied subject with a strong statistical component.
- Training in Good Clinical Practice.

**Experience/Knowledge**

**Essential:**

- Practical knowledge of several essential statistical methodologies.
- Knowledge of at least one mainstream statistical software package.
- Experience of undertaking statistical analysis projects.

**Desirable:**

- Experience of writing up statistical work.
- Working knowledge of R analysis software.
- Previous research experience in a healthcare or educational environment.
- Previous experience in clinical trials or other randomised controlled trials.
- Knowledge and understanding of health and social care in Wales.
- Experience of preparing and giving presentations.

**Skills/Abilities**

**Essential:**

- Excellent communication skills – both verbal and written – especially in the area of communicating statistics.
- Data management skills.
- Ability to work under supervision as part of a structured, collaborative multidisciplinary team.
- Ability to work effectively in the context of change.
- Ability to work effectively with people of diverse skills, experience and backgrounds.
- Ability to respond flexibly and positively to the needs of the department.
- Ability to monitor and prioritise work in an effective manner.
- Ability to maintain strict confidentiality at all times.

**Desirable:**

- Ability to represent NWORTH in a multi-disciplinary research environment involving external partners and organisations.
Other:

**Essential:**

- Willing to undertake further relevant training appropriate for the post, including new statistical methodologies and new software.
- Willingness to occasionally travel within the UK.
- Demonstrate an understanding of the bilingual nature of the Institution and the area.

**Desirable:**

- Ability to communicate in Welsh.

**General:**

All members of staff have a duty to ensure their actions are in line with the overall environmental aims of the University and minimise their environmental impact.

All offers are made subject to proof of eligibility to work in the UK and receipt of satisfactory references.

All candidates must meet the requirements of UK ‘right to work’ requirements. If you require Home Office permission to work in the UK, or need to switch your visa status in order to take this job, please note that following the introduction by the Government of immigration limits on skilled workers we recommend you use the following link to information about the routes into employment and to check eligibility requirements: http://www.ukba.homeoffice.gov.uk/workingintheuk/

https://www.statsjobs.com/job/trials-statistician/Create Your Job Listing & Pay Online