



Senior Research Fellow (Biostatistician)

Department/Unit	School of Public Health and Preventive Medicine Epidemiology and Preventive Medicine
Faculty/Division	Faculty of Medicine, Nursing and Health Sciences
Classification	Level C
Work location	The Alfred Hospital
Date document created or updated	6 June 2017

Organisational context

Everyone needs a platform to launch a satisfying career. At Monash, we give you the space and support to take your career in all kinds of exciting new directions. You'll have access to quality research, infrastructure and learning facilities, opportunities to collaborate internationally, as well as the grants you'll need to publish your work. We're a university full of energetic and enthusiastic minds, driven to challenge what's expected, expand what we know, and learn from other inspiring, empowering thinkers. Discover more at www.monash.edu

The **Faculty of Medicine, Nursing & Health Sciences** is the University's largest research faculty. World-class researchers work across disciplines including laboratory-based medical science, applied clinical research, and social and public health research. The faculty is home to a number of leading medical and biomedical research institutes and groups, and has contributed to advances in many crucial areas. Our expertise in life sciences and biomedicine is recognised both nationally and internationally.

From a teaching perspective, our education curriculum covers a range of disciplines, including medicine, nursing, radiography and medical imaging, nutrition and dietetics, paramedic studies, biomedical sciences, physiotherapy, occupational therapy, behavioural neurosciences and social work. We take pride in delivering outstanding education in all courses, in opening students to the possibilities offered by newly discovered knowledge and in providing a nurturing and caring environment. To learn more about the faculty, please visit www.med.monash.edu.au/

Monash School of Public Health & Preventive Medicine is a teaching and research unit of the Faculty of Medicine, Nursing and Health Sciences and is centred at the Alfred Hospital Campus. It plays a prominent role in public health medicine and works closely with the major Monash affiliated hospitals, research institutes and public health units within Victoria. It plays a prominent role in public health medicine in Australia and has a strong record for training individuals with the capacity and skills to assume leadership roles in Australia in this field. We work closely with the major Monash affiliated hospitals, research institutes and public health units within Victoria. Our skills provide a key resource underpinning translational research within our faculty.

Position purpose

A Level C research-only academic is expected to make independent or original contributions to the research effort within her/his field of expertise and to the organisational unit or inter-disciplinary area of which he/she is a part. An academic at this level is expected to play a major role in research including the exercise of some leadership in research.

The Senior Research Fellow (Clinical Trial Biostatistician) is devoted to the analysis of Clinical Trials. This position engages in large high-profile international trials at all stages of development. This position may also pursue statistical methodology within the Victorian Centre for Biostatistics (VicBiostat).

Reporting Line: This position reports to Deputy Head of Biostatistics Unit, to the Director of the Division of Research Methodology and to the Head of School, School of Public Health and Preventive Medicine

Supervisory responsibilities: This position may supervise study team members and/or students where required

Financial delegation and/or budget responsibilities: Not applicable

Key responsibilities

A Level C research-only academic is expected to make independent or original contributions to the research effort within her/his field of expertise and to the organisational unit or inter-disciplinary area of which he/she is a part. An academic at this level is expected to play a major role in research including the exercise of some leadership in research.

1. Adapt and implement new statistical methods for clinical trial data proposed by others
2. Read, interpret and synthesise recent biostatistical literature in relevant areas
3. Write statistical analysis plans and data and safety monitoring reports. Contribute to the development of trial protocols, monitoring plans, maintenance reports, and papers reporting the results of trials
4. Draft, revise, and publish scientific manuscripts
5. Contribute to writing and obtaining grant applications
6. Contribute to the supervision of research higher degree (PhD and MPhil) students, Honours students, and Masters of Biostatistics students
7. Present research seminars at team meetings, workshops and conferences
8. Contribute to graduate teaching activities, which may include; supervising research projects and minor theses for Masters by coursework students and giving occasional lectures and tutorials

Key selection criteria

Essential Criteria

1. PhD or Masters degree in biostatistics, statistics or closely related discipline
2. Experience in performing complex data manipulation and statistical analysis using SAS, Stata or a comparable statistical package with flexible programming language
3. Experience in randomised trials as used in health research
4. Record of publication of peer-reviewed scientific articles
5. Experience in the supervision of staff or students
6. Excellent written and verbal communication skills
7. Familiarity with issues related to health research, principles of confidentiality, privacy, and information handling

8. Satisfaction of Monash University Faculty of Medicine, Nursing and Health Sciences' academic research staff performance at level C
9. Demonstrated ability to work independently and collaboratively to achieve project goals and meet agreed deadlines

Other job related information

- Travel (e.g. to other campuses of the University) may be required
- There may be peak periods of work during which the taking of leave may be restricted

Legal compliance

Ensure you are aware of and adhere to legislation and University policy relevant to the duties undertaken, including: Equal Employment Opportunity, supporting equity and fairness; Occupational Health and Safety, supporting a safe workplace; Conflict of Interest (including Conflict of Interest in Research); Paid Outside Work; Privacy; Research Conduct; and Staff/Student Relationships.