POSITION DESCRIPTION

POSITION TITLE: Biostatistician
CLASSIFICATION: SO3
DEPARTMENT: Population Health

POSITION OBJECTIVES
The Biostatistician assists the Senior Biostatistician to provide high quality statistical advice to clinicians and researchers at Queensland Institute of Medical Research (QIMR) and/or Royal Brisbane and Women’s Hospital (RBWH). The Biostatistician also provides statistical support for specific research projects at QIMR and RBWH under the guidance of the Senior Biostatistician and collaborates in research with scientists and clinicians working on these projects.

ORGANISATION CONTEXT
QIMR is a statutory body under the QIMR Act (1945). The mission of QIMR is to promote the wellbeing of humankind through medical research, to maintain within the State of Queensland an internationally recognised Centre for Medical Research, to develop that Centre as the primary focus of Medical Research within the State and to co-operate with, and where possible assist the work of other medical research establishments within the State and throughout the world.

REPORTING STRUCTURE
This position reports directly to the Senior Biostatistician, QIMR/RBWH Statistics Unit.

PRIMARY RESPONSIBILITIES
- Under the broad direction from the Senior Biostatistician, provide statistical consultancy to clinicians, scientists and research students at QIMR and RBWH. This role includes:
  - one-to-one discussion with clients
  - development and delivery of training courses in methods and practice of statistics
  - development of statistical resources for clients
  - development of statistical methods.
- Provide statistical advice and perform statistical work for designated research projects and scientific committees.
• Collaborate on medical and public health research projects with clinicians and scientists where expert statistical knowledge is integral to the project.

• Contribute specialist statistical support for at least one area of major application to medical and public health research.

• Provide statistical review for manuscripts and grant applications as requested by the Senior Biostatistician.

• Contribute to the development and delivery of statistical training programs for QIMR and RBWH staff and students.

• Ensure work practices comply with the requirements of the Workplace Health and Safety Act, related legislative requirements and the Institute’s OH&S policies and procedures.

KEY SELECTION CRITERIA (Qualifications, Experience, Skills and Abilities)

**Essential**

• Tertiary qualifications at Bachelor or postgraduate level in biostatistics or a related quantitative discipline.

• Sound knowledge of statistical techniques and procedures applicable to medical and public health research.

• Some experience in statistical consultancy and collaborative research.

• Specialist knowledge and developing experience in at least one of the following areas: statistical genetics, epidemiology, clinical trials, multivariate methods, database design and management, mathematical statistics, psychometrics, econometrics or numerically intensive methods.

• Good written and oral communication skills, including ability to communicate statistical concepts to scientists and clinicians.

• Experience with use of statistical packages such as SPSS, SAS and/or STATA for analyses and data management packages such as Excel and Access.

**Desirable**

• Previous experience in a medical or public health research setting.

• Ability to work independently but also to fit into multi-disciplinary project teams.

• Attention to detail and accuracy with completed work.

**POSITION LOCATION**
The position is located at the Herston site of the Queensland Institute of Medical Research.