

POSITION DESCRIPTION

Position Title	Statistician		
Organisational Unit	Faculty of Health Sciences		
Functional Unit	Nursing Research Institute		
Nominated Supervisor	Director, Nursing Research Institute		
Classification	HEW 8		
CDF Level	CDF1	Position Number	10611719
Attendance Type	Full Time	Date reviewed	31-MAY-2023

ABOUT AUSTRALIAN CATHOLIC UNIVERSITY

Mission Statement: *Within the Catholic intellectual tradition and acting in Truth and Love, Australian Catholic University is committed to the pursuit of knowledge, the dignity of the human person and the common good.*

At ACU we pride ourselves on offering a welcoming environment for everyone. At the same time, we are a university committed to standing for something clear. We stand up for people in need and causes that matter. ACU's Mission is central to the University and informs every area – integrating the dignity of the human person, the common good, and ethical and social justice considerations into our core activities of student learning and teaching, research and service.

We are a publicly funded university which has grown rapidly over the past few years. We're young, but we are making our mark: ranking among the top universities worldwide. We have seven campuses around Australia, more than 200 partner universities on six continents, and a campus in Rome, Italy.

We know that our people make us a university like no other. It's your values, action and passion that makes the difference. Whatever role you may play in our organisation: it's what you do that defines who we are.

We value staff, offering excellent leave and employment conditions, and foster work environments where they have the ability to grow and develop. We continue to invest in our facilities and workplaces, and actively involve staff in shaping the future direction of the organisation.

Each portfolio consists of several Faculties, Research Institutes or Directorates. The Vice President drives both the Identity and the Mission of the University. In addition, five Associate Vice-Chancellors and Campus Deans focus on the University's local presence and development of the University at the local 'campus' level. For further information about the University please refer to the Organisation Chart.

All our staff contribute to the achievement of our goals set out in the Strategic Plan 2020-2023 and aim to provide high quality services with a strong focus on service excellence. Several frameworks and standards also express the University's expectations of conduct, capability, participation and contribution of staff.

ABOUT THE FACULTY OF HEALTH SCIENCES

The Faculty of Health Sciences comprises three schools:

- Allied Health
- Behavioural and Health Sciences
- Nursing, Midwifery and Paramedicine

There are currently approximately 14,000 students (EFTSL) and 530 (FTE) staff in the faculty under the disciplines: occupational therapy, speech pathology, social work, exercise science, exercise physiology, nutrition science, biomedical science, nursing, midwifery, paramedicine, physiotherapy, psychology and public health. The Faculty is represented across seven ACU campuses.

The Faculty's current research priorities focus on Cardiovascular Disease and Metabolism, Health Services Research, Nutrition, Sports Performance and Rehabilitation, Psychology and Mental Health.

An expanding portfolio of postgraduate courses is also available in coursework and research. Many postgraduate courses within the Faculty have been developed in conjunction with industries in order to meet specific needs of the professions and industry. Some postgraduate units are offered in flexible learning mode by online study. All students have professional and clinical experience that is supervised by specially qualified practitioners. Catholic hospitals and other public, private and specialty organisations, as well as schools and the health and sports industry, are involved with preparing for promoting and offering this valued and essential experience.

The goals of the Faculty are closely linked to and emanate from the Mission of the University. The areas of achievement by the Faculty include the key areas of teaching and learning, research and scholarship, community engagement in addition to specific objectives regarding internationalisation, quality and resource management. It has well-established procedures for evaluating performance and ensuring quality which involve students and representatives of the various statutory registration authorities and professional organisations, as well as recent graduates and employers.

Further information about the Faculty can be found at:

<https://www.acu.edu.au/about-acu/faculties-directorates-and-staff/faculty-of-health-sciences>

ABOUT THE NURSING RESEARCH INSTITUTE

The Nursing Research Institute (NRI) is a collaboration between St Vincent's Health Network Sydney, St Vincent's Hospital Melbourne and Australian Catholic University (ACU). The NRI is a highly productive research collaborative with a national and international reputation for conducting rigorous, nurse-led, multidisciplinary health services and implementation science research. Our main research focus is to identify the best ways to promote the translation of evidence into clinical practice with the overall goal of improving patient outcomes and health systems.

Since 2009, the NRI has brought together researchers and clinicians to conduct clinically relevant research. Our researchers have a broad range of research expertise, and collaborate with world-class national and international researchers, multidisciplinary clinicians and policy makers.

Nursing Research Institute mission

- Conduct high-quality, multidisciplinary health research focused on improving patient outcomes and research translation;
- Build research capacity through training and mentoring of research students, clinicians and career

researchers;

- Advise, collaborate and consult on health services and translational research with clinicians, the health industry, government and consumers;
- Create and sustain a collegiate, supportive and high-performance research culture to attract world-class researchers and research students.

POSITION PURPOSE

The Statistician is responsible for contribution to the design, undertaking data analysis and reporting of multiple clinical research projects conducted by the Nursing Research Institute. They will advise and perform standard and advanced statistical analysis for multiple state, national and international research projects including (but not limited to) observational studies, randomised trials and studies using routinely collected hospital data.

KEY RESPONSIBILITIES

Introduction

A number of frameworks and standards express the University's expectations of the conduct, capability, participation and contribution of staff. These are listed below:

- [ACU Strategic Plan 2020-2023](#)
- [Catholic Identity and Mission](#)
- [ACU Capability Development Framework](#)
- [Higher Education Standards Framework](#)
- ACU Service Delivery Model
- ACU Staff Enterprise Agreement including provisions in relation to Performance Excellence and Academic Career Pathways.
- [ACU Staff Reconciliation Action Plan](#)

The [Capability Development Framework](#) in particular is important in understanding the core competencies needed in all ACU staff to achieve the University's strategy and supports its mission.

Responsibility	Scope
Perform statistical analysis for national and international research under limited supervision either as a member of the team or independently to achieve the objectives of the program of health services research including (but not limited to) analyses for observational studies, randomised trials and studies using routinely collected hospital data.	The position mainly contributes to activities; outcomes and goals within their immediate team or work unit
Provide specialist input into the methodological aspects of study design and statistical analysis methods for multiple observational studies and randomised trials as part of on-going studies and competitive grant applications.	The position mainly contributes to activities; outcomes and goals within their immediate team or work unit
Coordinate and manage research participant data in accordance with relevant national and international legislation and clinical policies and processes.	The position mainly contributes to activities; outcomes and goals within their immediate team or work unit
Conduct data management, cleaning and data analysis for research studies, with high level programming skills in statistical software package(s).	The position mainly contributes to activities; outcomes and goals within their immediate team or work unit

Responsibility	Scope
Assist in the preparation of material, including graphical and tabular presentations, for peer review manuscripts, reports, meetings, publications and seminars as appropriate with superior attention to detail.	The position mainly contributes to activities; outcomes and goals within the faculty/directorate/organisational unit
Provide statistical advice and assistance where appropriate on questionnaire design, data management, statistical software, and methods of analysis to project leaders and the multidisciplinary team.	The position mainly contributes to activities; outcomes and goals within their immediate team or work unit
Provide statistical advice and assistance in areas of study design, analysis methods, analysis and interpret results for students, external colleagues and collaborators.	The position mainly contributes to activities; outcomes and goals within their immediate team or work unit
Work effectively in collaboration with internal and external stakeholders, including University and healthcare partners, multi-disciplinary researchers and research participants, to discuss and evaluate relevant statistical analyses locally and internationally	The position mainly contributes to activities; outcomes and goals within their immediate team or work unit
Other duties as required by the Director and commensurate with the level of the position.	The position mainly contributes to activities; outcomes and goals within the faculty/directorate/organisational unit

HOW THE ROLE OPERATES

The position will need to seek approval from their supervisor before making changes to processes and procedures.
The position requires resilience and adaptability to be able to respond to changes in the sector and business landscape and identify areas of improvement.
The position needs to build relationships with staff across the organisation to perform their duties.
This position does not have managerial responsibilities.

SELECTION CRITERIA

Qualifications, skills, knowledge and experience:	<ul style="list-style-type: none"> Qualification - Completion of, or progress towards, postgraduate qualifications in Biostatistics, Statistics or Epidemiology and extensive relevant experience; or extensive experience and expertise; or an equivalent combination of relevant experience and/or education/training. Experience - Experience with statistical analysis packages such as SAS Statistical Software; STATA Software Package or R. Experience - Extensive experience in the management and analysis of epidemiological, clinical trial and other health datasets, including the use of advanced statistical techniques. Experience - Proven research track record evidenced by peer-reviewed publication in high quality journals as part of a collaborative team.
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	<ul style="list-style-type: none"> • Skill - Strong oral and written communication skills including ability to discuss and interpret statistical results with collaborators. • Skill - Demonstrated planning and organisational skills with the ability to service a number of projects at one time while achieving required outcomes within deadlines.
Core Competencies:	<ul style="list-style-type: none"> • Demonstrate confidence and courage in achieving ACU's Mission, Vision and Values by connecting the purpose of one's work to ACU's Mission, Vision and Values. • Keep stakeholder interest at the core of ACU business decisions and ACU service excellence as a top priority. • Communicate with purpose. Gain the support of others for actions that benefit ACU. Negotiate for mutually beneficial outcomes that are aligned with the Mission, Vision and Values of the University. • Take personal accountability for achieving the highest quality outcomes through understanding the ACU context, self-reflection, and aspiring to and striving for excellence. • Plan work activity, prioritise time and resources using established ACU processes and technology to achieve optimum efficiency and effectiveness.
Essential Attributes:	Demonstrated commitment to cultural diversity and ethical practice principles and demonstrated knowledge of equal employment opportunity and workplace health and safety, appropriate to the level of the appointment.
Working with Children and vulnerable adults check	This role does not require a Working with Children Check.

REPORTING RELATIONSHIPS

For further information about the structure of the University, refer to the Organisation Chart
<https://www.acu.edu.au/about-acu/leadership-and-governance/leadership/organisational-structure>

