



Curtin University



The KERRY M STOKES AC, CHAIR of CHILD HEALTH

CANDIDATE INFORMATION BOOKLET

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THE KERRY M STOKES AC CHAIR OF CHILD HEALTH

This prestigious position, named in honour of Mr Kerry M Stokes AC and the enormous contribution he has made to child health research in Western Australia, will create and drive an ambitious research program in child health and development.

The Chair will be an internationally-recognised academic and inspiring research leader.

As a Curtin University Professor, the Chair will be based at the Telethon Kids Institute, where the Chair will establish and lead a program of research consistent with the vision and strategies of Telethon Kids and Curtin University.



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ABOUT PERTH AND WESTERN AUSTRALIA

Western Australia is the largest of Australia's six states and two territories, with an area of more than 2.5 million square kilometres, 12,500 kilometres of coastline and a span of 2,400 kilometres from north to south. Western Australia occupies one third of the Australian continent, with the majority of people living in and around Perth.

Perth borders the Swan and Canning rivers and is flanked by crystalline beaches to the west and the Darling escarpment to the east. It's the sunniest state capital, with an average of 3,000 hours of sunshine a year. With a population of approximately 2.6 million people, Perth is Australia's fourth largest city.

The Whadjuk people of the wider Nyungar language group are Perth's traditional owners and have inhabited the region for at least 40,000 years. Natural landmarks such as Kings Park and the Swan and Canning rivers continue to hold special significance for the Whadjuk people and many traditional walking trails still trace the urban landscape.

Perth is also home to a vibrant, multicultural population and is conveniently located in the same time zone as Hong Kong, Singapore, Beijing and Kuala Lumpur.

LIFESTYLE AND CULTURE

Ranked once again in The Economist's top 10 most liveable cities in 2016, Perth residents enjoy a relaxed lifestyle with some of the country's best city beaches, cosmopolitan restaurants, cafes and nightlife.

Key attractions include the historic port of Fremantle; the spectacular 400-hectare Kings Park; the Swan Valley wine and food region; and water-based activities including swimming, boating, fishing and surfing.

The city's diverse cultural and sporting choices include a local opera company, symphony orchestra and ballet company; theatres, art galleries and concert halls; and professional sporting teams in basketball, cricket, netball, Australian rules football, rugby union and soccer. Perth also hosts the annual Hopman Cup, an international tennis competition.

Perth offers high-quality public (government) and private schools, health services, infrastructure and public transport.

The city's international airport operates 24 hours a day throughout the year. The airport is currently expanding its services and infrastructure to meet the needs of Perth's growing population.

There are four other universities in addition to Curtin: The University of Western Australia, Murdoch University, Edith Cowan University and The University of Notre Dame.

Telethon Kids Institute is located at the 28 hectare QE11 Medical Centre in Nedlands, the largest medical centre in the southern hemisphere and globally recognised in health care, research and education.

FURTHER INFORMATION

wa.gov.au and westernaustralia.com



CURTIN UNIVERSITY

Curtin University is an inspiring, vibrant, international organisation, committed to making tomorrow better. It is a beacon for innovation, driving advances in technology through high- impact research, and offering more than 100 practical, industry-aligned courses connected to the workplaces of tomorrow.

Ranked in the top one per cent of universities worldwide in the Academic Ranking of World Universities 2018, Curtin is also ranked 20th in the world for universities under the age of 50 in the QS University Rankings 2019 and has received an overall five-star excellence rating in the QS stars rating 2019.

The University is committed to international engagement and supports Australia's third largest international student population. This cultural diversity adds a rich and valuable dimension to the campus atmosphere and prepares graduates to live and work in an increasingly global environment. Curtin maintains campuses in Western Australia, Malaysia, Singapore, Dubai and Mauritius, while also conducting face-to-face teaching in a number of countries.

Offering a wide range of undergraduate and postgraduate courses in health sciences, business, humanities, engineering and related sciences, the University is recognised for high-impact research across four areas of focus:

- health
- minerals and energy
- ICT and emerging technologies
- sustainable development.

The practical and applied nature of Curtin's courses equip graduates with the skills and knowledge that employers look for, by exposing students to industry, business and research that has a focus on solving real world problems. This combination enables graduates to be effective in the workplace upon graduation.

As part of this approach, Curtin has always fostered successful partnerships with industry, business and government to enhance the quality of scholarships, teaching and research. Curtin will continue to develop existing partnerships and to establish new ones in areas relevant to research and teaching. Curtin has an exciting future and we invite you to join us as we move forward.

An innovative, global university, Curtin is known for high-impact research, strong industry partnerships and preparing students for the jobs of the future.

The main campus of Curtin University is located in Bentley, which is six kilometres south of the Perth CBD.



CURTIN'S MISSION, VISION AND VALUES

Mission: Transform lives and communities through education and research.

Vision 2030: A recognised global leader in research, education and engagement.

Curtin Values: All leaders and staff strive to work by five core values:

- Integrity – to act ethically, honestly and with fairness
- Respect – to listen, value and acknowledge
- Courage – to lead, take responsibility and question
- Excellence – to strive for excellence and distinction
- Impact – to empower, enable and inspire.

STRATEGIC PLAN

In late 2015 and throughout 2016, Curtin undertook a substantial review of its strategic direction and positioning, involving University-wide consultation.

The outcomes of this highly collaborative process have been captured in the Strategic Plan 2017- 2020.

The focus for this planning cycle will be on 'Delivering Excellence' as we look forward to securing our position as a leading global university that is positioned in the top 200 globally and top 10 nationally.

As we head towards 2020, we will ensure that we:

- strengthen our capacity to be future looking;
- maintain a focus on excellence in everything we do;
- strive to be both industry-facing and industry-embedded;
- deepen our well-established culture of innovation;
- build life-long connections with an engaged alumni;
- above all, be led by our values as we support our staff promote Indigenous reconciliation and contribute to a fairer and more just society for all.

Our Strategic Plan is comprised of six themes:

- Learning and Student Experience;
- Research and Innovation;
- Engagement and Impact;
- People and Culture;
- Global Positioning; and
- Sustainable Future.

Each theme contains a high level goal and series of desired outcomes for 2020, and details the initiatives and actions that will enable us to achieve this.



FACULTY OF HEALTH SCIENCES

The Faculty of Health Sciences follows a long tradition of discipline-based course delivery in the health professions.

The Faculty's cross-disciplinary research informs our teaching and learning. Our researchers work collaboratively with industry and focus on developing practical solutions to global health challenges. We have research strengths in ageing, mental health, Indigenous health, chronic diseases and autism and developmental differences. These areas of research are further supported by a number of well-established Research Centres and Institutes across the Faculty. Through a partnership with the Telethon Kids Institute, Curtin University is also building research excellence in the area of child health.

Our internationally recognized research teams work collaboratively with the community, governments and partners to advance health and wellbeing around the world.

We offer a wide range of courses in the following Schools:

- The School of Pharmacy and Biomedical Sciences;
- The School of Nursing, Midwifery and Paramedicine;
- The School of Occupational Therapy Social Work and Speech Pathology;
- The School of Public Health;
- The School of Physiotherapy and Exercise Science;
- The School of Psychology; and
- Curtin Medical School.



QUICK FACTS

- Curtin is ranked in the top one percent of universities worldwide in the highly regarded Academic Ranking of World Universities (ARWU).
- In a global review of institutions younger than 50 years, Curtin was placed 20th in the 2019 QS World University Rankings Top 50 Under 50.
- Curtin is recognised by Pride in Diversity as one of Australia's leading Universities for LGBTQI+ inclusion.
- The University's Centre for Crop and Disease Management has been awarded a major grant to partner with leading European wheat genetics groups to reduce the destruction caused by the major wheat diseases of Europe and Australia.
- Curtin is a key partner in the project to create the world's largest telescope, the Square Kilometer Array.
- Cisco's Internet of Everything Innovation Centre located at Curtin's Bentley campus is only the eighth centre of its kind in the world. It aims to use information in practical ways that create new opportunities for businesses, individuals and countries.
- The University has many other mutually beneficial partnerships with industry and business, including with Woodside Energy, Chevron, Shell Australia and Bankwest.
- Curtin is committed to continually expanding its international outreach, recently cultivating strong partnerships with the University of Aberdeen and Jimmy Choo.
- Curtin has a long-standing commitment to Indigenous education and culture. Our Centre for Aboriginal Studies is recognised as a national leader in its field and we were the first university in Australia to sign a Statement of Reconciliation.



TELETHON KIDS INSTITUTE

The Telethon Kids Institute is based within the Perth Children's Hospital, and is one of the largest, and most successful medical research institutes in Australia, comprising a dedicated and diverse team of more than 750 staff and students.

Founded in 1990, we've created a bold blueprint that brings together community, researchers, practitioners, policy makers and funders, who share our vision to improve the health and wellbeing of children through excellence in research.

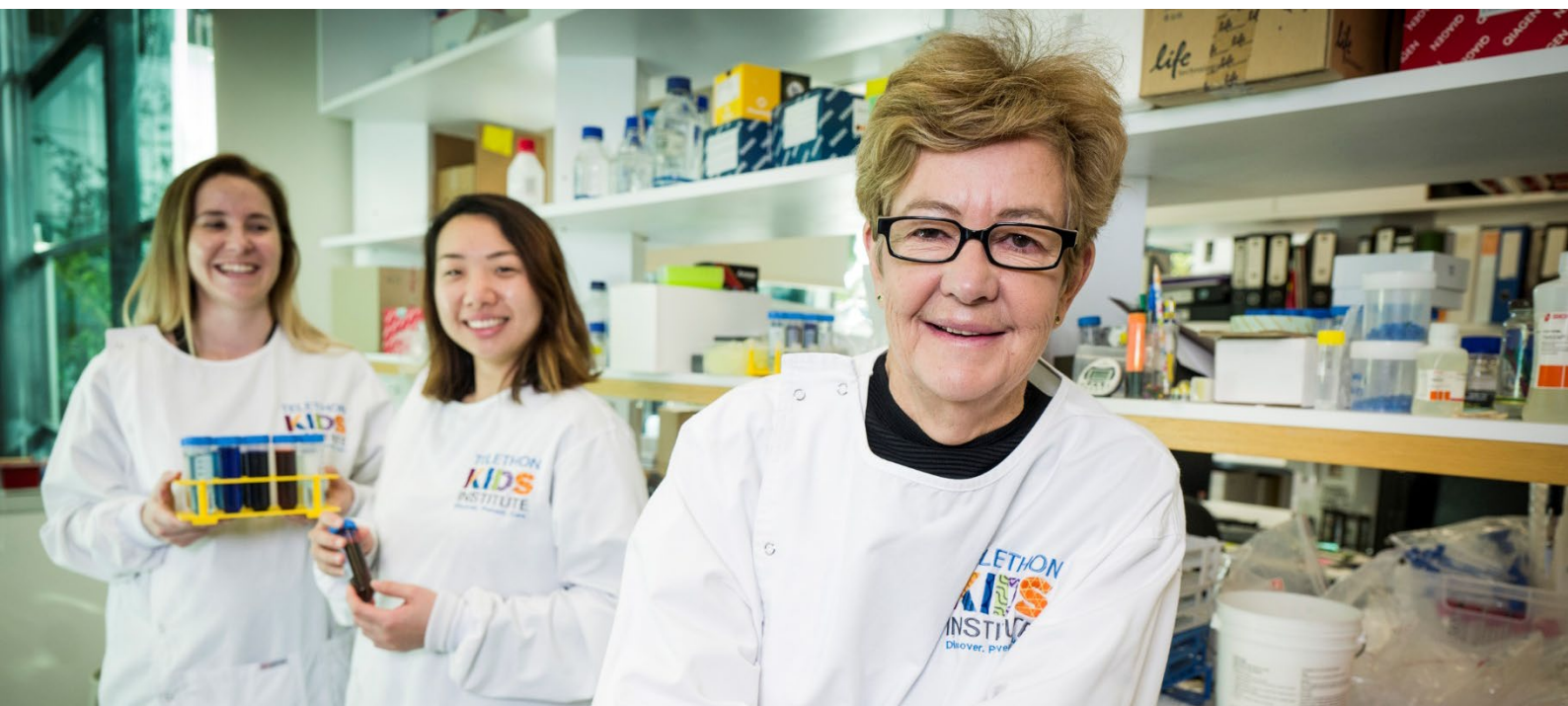
The Institute is headed by leading paediatrician and infectious diseases expert Professor Jonathan Carapetis AM, with Founding Director Professor Fiona Stanley AC now Patron. Telethon Kids is independent and not-for-profit.

In August 2018, we moved to our new purpose-built facility on the QEII Medical Centre campus (QE11MC) - the largest centre of excellence in healthcare, research and education in the southern hemisphere. Situated 4km from the Perth central business district in Nedlands Western Australia, the QE11MC has grown over 45 years to include over 40 health related organisations, included three other significant medical research institutes.

With a footprint across seven floors, our new home features more than 7000sqm of work space and 2000sqm of laboratories (including specialty suites, equipment rooms and freezer farms), as well as dedicated clinical suites and a cryogenics facility. Our co-location with the Perth Children's Hospital will enhance our collaboration with clinicians, nursing staff and other allied health professionals, leading to better care, better treatments and better health and development outcomes for our children and young people.

Telethon Kids is affiliated with the State's major universities including Curtin University and The University of Western Australia. Our research is primarily funded through national and international competitive grants, research contracts and philanthropy.

Find out more at telethonkids.org.au



RESEARCH

We're searching for answers to some of the most devastating, complex and common childhood diseases, conditions and development issues.

Our research is structured into Research Focus Areas, which contain programs of work and teams. We are committed to collaboration and work with other research organisations, clinicians, practitioners, policy makers, consumers and the community to understand the complexity of factors that impact on a child's health and wellbeing and the translation of research findings into action.

Aboriginal Health: Aboriginal child health is everyone's business. Improving the health and wellbeing of Aboriginal children and families is an overarching priority for every Institute RFA. Our Aboriginal Health RFA provides technical advice and cultural support across the Institute to ensure effective collaboration and consultation with Aboriginal communities and families.

Brain and Behaviour: encompasses a child's learning, development and mental health & the impact of disability. The focus of our research is on the developmental, genetic, family and environmental determinants of child wellbeing in order to ensure that clinical, educational and community practices support optimal health and development for all children.

Specific research program areas include Development and Education, Disability, Mental Health and Youth, Population Health.

Chronic and Severe Diseases: focuses on understanding the complex interactions between genetic and environmental factors to develop better ways of diagnosing, treating, controlling and preventing disease at the individual and population level.

Specific research program areas include Cancer, Diabetes & Obesity, Genetics & Rare Diseases, Respiratory Health.

Early Environment: focuses on understanding these exposures and their impact on early growth with a view to preventing and treating a number of common childhood conditions.

Specific research program areas include Developmental Origins of Child Health, Infection and Vaccines, Inflammation and Immunity.



ACCESS TO RESEARCH PLATFORMS

To achieve our vision, the Institute has invested in a research environment that enables and supports researchers.

- Our unique Institute attracts the top scientific minds and develops world-leading researchers.
- We provide world-class facilities, cutting-edge technologies and the highest quality support services.
- We encourage and foster collaboration and working together, both internally and externally.
- We actively promote and reward research excellence and offer a range of schemes to support our researchers.

Telethon Kids has a range of specialised expertise, tools, platforms and technology to support world-class research and enhance the cross-disciplinary skills of scientists. They are supported by experienced and skilled staff with the expertise to make the most of these tools and technologies. Our Research Platforms enable Research Focus Areas to collect, link and analyse samples and datasets to create new knowledge in the underlying mechanisms and risk factors leading to childhood disease, disability and disadvantage.

Current Research Platforms are listed below. Telethon Kids researchers are able to access Institute Research Platforms at internal cost recovery rates (where applicable).

Bioinformatics: empowers Telethon Kids researchers to perform their own data analysis and interpretation through the creation and advancement of databases, algorithms, computational and statistical techniques and theory to solve formal and practical problems arising from the management and analysis of biological data.

Bioresources: at Telethon Kids is a PC2 Facility for breeding, holding and experimental animals, particularly rats and mice. Our Bioresources Team pledges to support the biomedical community by excelling in the following:

- Providing excellent quality animals for research
- Continually contributing to the development of relevant animal models Acquiring relevant mice and rat strains for research
- Offering a group of well experienced staff in animal caring and procedures
- Utilising all the necessary resources to meet these goals Ensuring the welfare of the animals

Biostatistics: provides researchers with advice and support to ensure their data are both structured and coded appropriately to facilitate analysis. Includes consistent, open, and equitable access to biostatistical expertise for all researchers within Telethon Kids through all stages of the research project lifecycle. Our Biostatistics team seeks to contribute to achieving top quality research outputs and ensuring that the goals of the Institute's Strategic Plan are met.

Clinical Research: Telethon Kids is committed to ensuring clinical research is conducted to the highest ethical and safety standards. Our Clinical Trials team works with researchers to ensure that clinical studies and trials are of the highest quality, timely and comply with good clinical practice as well as local and international guidelines.



Data Services: Telethon Kids has available support for research data management needs. These services include database creation, data manipulation, application development and data analysis. Our data linkage capabilities allow Telethon Kids researchers to connect Western Australia's databases and registers to gain a deeper and comprehensive picture of health and wellbeing in this State.

Genome Innovation Hub: provides complete genomics solutions tailor-made to project needs from experimental design to complete data storage and analyses. Services provided include but are not limited to:

- Genomics (WGS/Exome capture)
- 3D/HiC Genomics
- Transcriptomics
- Single Cell Genomics
- Spatial Transcriptomics
- Epigenetics
- CRISPR Genome Editing

Consumer and Community Involvement: supports researchers to develop the consumer and community involvement aspects of their grant proposals and then plan these activities for research groups or individual projects. Matches researchers with consumers and community members. Helps researchers organise events that enable consumers and community input into research and provides advice/guidance on consumer and community involvement activities in papers/reports about research.

Kulunga Aboriginal Research Development Unit (KARDU): facilitates research interest and opportunities that involve Aboriginal families and communities as well as building the capacity and development of Institute researchers working on Aboriginal projects. Establishes and maintains relationships with Aboriginal communities and the Aboriginal community controlled services sector. Supports researchers in Indigenous research methodologies, research design, relationship building and sourcing suitable personnel.



TELETHON

Telethon is the highest-raising telethon in the world per capita. Over five decades, the community of Western Australia has generously donated more than \$306 million to ensure a better life for our children now and in the future.

Telethon Kids Institute is proud to be a major beneficiary of Telethon, along with more than 40 other WA organisations supporting kids, and we're incredibly grateful for the continued support of the West Australian public, along with major donors who dig deep to contribute to children's health.

Telethon funds life-changing research, provides equipment for children in hospital, critical services for children with disabilities and opportunities for disadvantaged children.

The Channel 7 Telethon Trust is a registered charity, governed by a Board of Trustees. Telethon's small team is based at The West Australian and Channel 7 in Perth. Telethon exists on a day to day basis because of the generosity of Seven West Media including Channel Seven Perth, The West Australian & The Sunday Times. All provide the Trust with tangible and intangible support through infrastructure, facilities, service and professional advice. The Telethon Weekend live 26-hour appeal is held at Perth Convention and Exhibition Centre and is televised on Channel 7 Perth and GWN7 statewide.



POSITION DESCRIPTION

PURPOSE OF POSITION

This prestigious position, named in honour of Mr Kerry M Stokes AC and the enormous contribution he has made to child health research in Western Australia, will create and drive an ambitious research program in child health and development. The Chair will undertake ground-breaking health and medical research for the benefit of children and the adults they will become.

The Chair will create and drive an ambitious health and medical research program in child health and development, expected to deliver paradigm shifting research in broad areas including chronic and severe disease, infectious diseases, mental health, neurodevelopmental health, rare diseases, disabilities and preventative healthcare

The Chair will be an internationally recognised academic and inspiring research leader, who will establish a major program based at Telethon Kids Institute in an area of research consistent with the vision and strategies of Telethon Kids and Curtin University. They will actively seek and win nationally and internationally competitive grants, supervise PhD students through the University, contribute to teaching in Curtin's Medical program, participate in the various symposia of the University and Institute and actively engage with the Western Australian community.

KEY RESPONSIBILITIES AND ACCOUNTABILITIES

Leadership and Service

- Lead the development and execution of major research programs and policy that align with and support the strategic research objectives
- Provide leadership and mentoring to academic staff in relation to research and HDR supervision
- Lead the development of research and professional linkages and relationships with external stakeholders, including other universities, industry and government entities, the Western Australian community, and related associations and professional bodies
- Be an effective advocate for excellence and innovation in the field
- Contribute to academic service and leadership, engagement and management and collegiality with stakeholders that will have a measurable benefit
- Provide leadership and foster and promote relationships with professional bodies, industry and affiliated associations, government departments, and the wider community
- Participate in professional body and other external activities as required
- Model a high standard of professional behaviour consistent with the Telethon Kids and Curtin University Code of Conduct and Vision, Mission and Values



POSITION DESCRIPTION (CONTINUED)

KEY RESPONSIBILITIES AND ACCOUNTABILITIES

Research

- Undertake internationally competitive research in discipline.
- Make a substantial impact in the discipline through the promulgation of ideas and creative works or through the application and exploitation of findings, discoveries or inventions.
- Provide research leadership in the discipline.
- Lead major research teams and/or a research Institute/Centre.
- Lead major competitive funding initiatives and/or substantive international consortia.
- Produce internationally significant research outputs with regular publication in high quality journals, or outputs in other creative outlets consistent with an international reputation in the discipline.
- Edit high quality international works or journals.
- Enhance international recognition for research through keynote and major presentations/exhibitions at significant national and international conferences.
- Contribute to government policy development at state, national or international levels.
- Undertake principal supervision of honours, research masters, and research doctoral students.
- Undertake high level administrative functions associated with research.

Teaching

- Participate in the delivery of research led educational programs.

CRITERIA

Essential

- A doctoral qualification in relevant discipline.
- Excellent planning and project management skills, including negotiation and resolution
- Demonstrated exceptional leadership and management skills in the running of a research team.
- Demonstrated leadership of integrated research activity both within and across groups in academia and/or government, health service providers, national or international healthcare organisations or industry.
- An outstanding on-going record of publication in high quality peer-reviewed journals or outputs in creative outlets consistent with leadership in the chosen discipline.
- Proven evidence of a world-leading research record, established international reputation and profile, significant citation indices or equivalent esteem measures to address relevant challenges and a commitment to conducting on-going research in the discipline.
- An outstanding record of obtaining research income, including nationally and internationally competitive research grants and/or fellowships relevant to the discipline.
- Considerable experience and record of successful supervision of HDR students.
- Demonstrated leadership and mentoring to academic staff in relation to their professional development
- Demonstrated high level communication and interpersonal skills with the ability to foster and promote the development of a collegial and supportive working environment and the ability to interact with students and staff with cross cultural sensitivity.
- Demonstrated commitment to applying relevant and applicable policies, procedures and legislation in the day-to-day performance of the functions of this position.

Desirable

- Membership of learned academies or professional bodies.
- Demonstrated contribution to teaching at undergraduate and postgraduate level.
- Demonstrated leadership in University Research Institutes and centres.



POSITION DESCRIPTION (CONTINUED)

UNIVERSITY VALUES

All staff must commit to and uphold Curtin's Values which are:

- Integrity – to act ethically, honestly and with fairness
- Respect – to listen, value and acknowledge
- Courage – to lead, take responsibility and question
- Excellence – to strive for excellence and distinction
- Impact – to empower, enable and inspire

For more information, please visit:

curtin.edu.au/strengthening-our-culture

INSTITUTE VALUES

We make a difference by ensuring our research is translated into action now and in the future.

We challenge existing ideas and ourselves, and seek innovative and creative ways of working.

We work together and with our community to bring better health and wellbeing to children.

We care for children and the community, in Western Australia and beyond.

We respect the contributions of all who work at and with the Institute.

We uphold these values as a measure of our success and the integrity of our work and organisation.

COMPLIANCY & LEGISLATIVE REQUIREMENTS

Occupational Safety and Health

All supervising staff are required to undertake effective health and safety measures to ensure compliance with the Occupational Safety and Health Act 1984 and related legislative requirements.

All staff must comply with requirements of the Occupational Safety and Health Act and all reasonable directives given in relation to health and safety at work, to ensure compliance with University and Legislative health and safety requirements.

Ethics Equity and Social Justice

All staff are responsible for informing themselves of their obligations and responsibilities in relation to Ethics, Equity and Social Justice. In particular, all staff must demonstrate appropriate and professional workplace behaviours in accordance with the University's and Institute's Values and Code of Conduct.

The University and Institute are committed to being champions of gender equity, diversity and inclusivity. We are proud partners of the Athena Swan Science in Australia Gender Equity (SAGE).

Staff must familiarise themselves and comply with all other University and Institute policies and procedures and legislation relevant to the position.

