

Position Description – Professor of Genomics

Updated 19 May 2026

POSITION DETAILS	
College	College of Medicine and Public Health
Organisational Unit	Medical Biosciences
Supervisor	Head, Medical Biosciences (or Delegate)
Classification	Research (Academic) Level E
Employment Type	Fixed-term, full-time

POSITION SUMMARY
<p>The Professor of Genomics will provide academic leadership and undertake internationally competitive research in genomics and its application to health, biomedical, and population research on behalf of the College. The role will set and lead strategic research priorities in genomics, expanding the University's research capability and reputation through high-impact programs, significant external grant and contract income, and national and international collaborations aligned with the strategic directions of the College and Flinders University.</p> <p>The Professor of Genomics will build and sustain partnerships with industry, health services, government, and other external organisations; strengthen multidisciplinary research collaborations; and contribute to the recruitment, supervision, and mentoring of higher degree research students and research fellows. The position will provide leadership to staff and students, supporting the development of strong track records in genomics research and providing expert guidance on competitive grant applications and high-quality publications.</p>

UNIVERSITY EXPECTATIONS AND VALUES
<p>All staff at Flinders are responsible for understanding their obligations and responsibilities as set out in the University's code of conduct and are expected to:</p> <ul style="list-style-type: none"> demonstrate commitment to the University's values of Integrity, Courage, Innovation, Excellence and the underlying ethos of being Student Centred; contribute to the efficient and effective functioning of the team or work unit in order to meet the University's objectives. This includes demonstrating appropriate and professional workplace behaviours, providing assistance to team members if required and undertaking other key responsibilities or activities as directed by one's supervisor; promote and support an inclusive workplace culture which values diversity and embraces the principles of equal opportunity; perform their responsibilities in a manner which reflects and responds to continuous improvement; and familiarise themselves and comply with the University's Work Health and Safety, Injury Management and Equal Opportunity policies. <p><i>Flinders University is committed to providing a safe, respectful and inclusive environment, free from gender-based violence. Appointment to this role is conditional on the completion of required pre-employment checks and declarations, each of which must be satisfactory to the University. This includes a Gender-Based Violence declaration, in accordance with the National Higher Education Code to Prevent and Respond to Gender-Based Violence (2025), and a Nationally Coordinated Criminal History Check.</i></p> <p><i>Staff working in a health care setting are <u>strongly recommended</u> to be fully vaccinated against COVID-19 in line with the SA Health policy.</i></p>

KEY POSITION RESPONSIBILITIES

The Professor of Genomics is accountable for:

- Making an outstanding and distinguished contribution to research and engagement through original and innovative research, securing substantial competitive external research grant and contract income, and producing a sustained body of high-quality publications, and delivering high quality presentations at national and international forums.
- Providing leadership and recognised expertise in ethical, high quality and innovative genomics research at a national and/or international level
- Leading the strategic planning and development of major research programs and professional activities that strengthen the College's genomics research profile, expand external research income, and increase publication quality and impact.
- Actively supervising, mentoring, and developing Higher Degree by Research students, early- and mid-career researchers, and research fellows, supporting the growth of sustainable academic and research careers.
- Undertaking guest lecturing in areas of expertise to inspire and encourage students and colleagues to engage in further study and/or undertake research.
- Undertaking a significant leadership role in the College/University in fostering research excellence and making a significant contribution to research leadership in the field at the national and/or international level.
- Taking a lead role in identifying and obtaining external research income.
- Building, leading, and sustaining strategic local, national, and international collaborations and networks with internal stakeholders and external partners, including industry, government, health services, and research organisations.
- Contributing to the management, governance and administration of research in the College.
- Any other responsibilities in line with the level of the position as assigned by the Supervisor and/or the University.

KEY POSITION CAPABILITIES

- Completion of a PhD or equivalent in Genomics or a closely related discipline.
- A distinguished international reputation for outstanding, high-quality, innovative, and independent genomics research aligned with the College's research strengths, evidenced by a sustained record of high-impact publications as corresponding or senior author and success in attracting competitive external research funding.
- Demonstrated outstanding research impact and recognised leadership in research activities, including evidence of influence through citations, translation, industry engagement, policy contribution, or clinical application.
- Demonstrated excellence in the supervision of Honours and Higher Degree by Research students to successful completion, and a strong commitment to researcher development.
- Substantial experience in a senior academic or research leadership role, including leadership of large research programs or teams and effective management of complex research projects within a university or research environment.
- An outstanding track record in establishing, leading, and sustaining effective national and international research collaborations with academic, industry, government, and other external partners.
- High-level understanding of intellectual property management, commercialisation pathways, and industry engagement within a research context.
- Demonstrated high-level leadership skills, including the capacity to contribute effectively to research leadership within the College and University and to provide leadership in the discipline at a national and/or international level.
- Proven ability to mentor and develop early- and mid-career academics and researchers, contributing to a strong and sustainable research culture.