UNSW is currently implementing a ten-year strategy to 2025 and our ambition for the next decade is nothing less than to establish UNSW as Australia’s global university. We aspire to this in the belief that a great university, which is a global leader in discovery, innovation, impact, education and thought leadership, can make an enormous difference to the lives of people in Australia and around the world.

Following extensive consultation in 2015, we identified three strategic priority areas. Firstly, a drive for academic excellence in research and education. Universities are often classified as ‘research intensive’ or ‘teaching intensive’. UNSW is proud to be an exemplar of both. We are amongst a limited group of universities worldwide capable of delivering research excellence alongside the highest quality education on a large scale. Secondly, a passion for social engagement, which improves lives through advancing equality, diversity, open debate and economic progress. Thirdly, a commitment to achieving global impact through sharing our capability in research and education in the highest quality partnerships with institutions in both developed and emerging societies. We regard the interplay of academic excellence, social engagement and global impact as the hallmarks of a great forward-looking 21st century university.

To achieve this ambition, we are attracting the very best academic and professional staff to play leadership roles in our organisation.

VALUES IN ACTION: OUR UNSW BEHAVIOURS

UNSW recognises the role of employees in driving a high-performance culture. The behavioural expectations for UNSW are below.

- **Delivers high performance and demonstrates service excellence.**

- **Thinks creatively and develops new ways of working. Initiates and embraces change.**

- **Works effectively within and across teams. Builds relationships with internal and external stakeholders to deliver on outcomes.**

- **Values individual differences and contributions of all people and promotes inclusion.**

- **Treats others with dignity and empathy. Communicates with integrity and openness.**
OVERVIEW OF RELEVANT AREA AND POSITION SUMMARY

UNSW Medicine is a national leader in learning, teaching and research, with close affiliations to a number of Australia’s finest hospitals, research institutes and health care organisations. With a strong presence at UNSW Kensington campus, the faculty have staff and students in teaching hospitals in Sydney as well as regional and rural areas of NSW including Albury/Wodonga, Wagga Wagga, Coffs Harbour and Port Macquarie.

Gynaecological Cancer Research Group

The Gynaecological Cancer Research Group has a number of current projects, including the development of biomarkers for early diagnosis of ovarian cancer, using 3D-cell culture models to understand the key processes in gynaecological cancer development and metastasis, and identifying targets for novel cancer therapies. The Ovarian Cancer Early Detection Project is a collaboration with the Gynaecological Cancer Centre, Royal Hospital for Women, which has enabled the collection of a large database of ovarian cancer patient samples and clinical data, providing high quality, well validated clinical material. The Early Detection Project aims to develop a cancer diagnostic test that will detect tumour-derived DNA in the blood of patients with ovarian cancer.

The Lecturer will lead the Ovarian Cancer Early Detection Project, creating a research pathway and designing experiments that will lead to the development of an assay to detect ovarian cancer DNA in blood. The position requires a high level of experience with clinical blood and tissue samples, circulating cell-free DNA, and methylation analysis, as well as PCR diagnostic assay development. The lecturer will be responsible for the publication and conference presentation of the research data. The lecturer will be committed to high quality research as well as liaising with the relevant stakeholders, including gynaecological cancer patients, hospital clinical staff, and funding bodies. The Lecturer will also contribute to other projects within the group.

The role of Lecturer reports to the Head of the Gynaecological Cancer Research Group and has one direct report.

RESPONSIBILITIES

Specific responsibilities for this role include:

- Set the scientific direction and research strategy of the Ovarian Cancer Early Detection Project
- Pursue opportunities for innovation that will enhance assay development pathway
- Contribute to the supervision of postgraduate and undergraduate research students
- Prepare manuscripts for publication and conference presentation
- Maintain and apply for Human Research Ethics approvals
- Provide targeted support and mentorship of undergraduate students
- Attend to a range of administrative functions, the majority connected with the active research
- Other duties as required as required by Supervisor
- Cooperate with all health and safety policies and procedures of the university and take all reasonable care to ensure that your actions or omissions do not impact on the health and safety of yourself or others.

SELECTION CRITERIA

• PhD in Molecular Biology or a related discipline
• Evidence of strong leadership skills in a professional academic and clinical environment
• Commitment to high quality research with a demonstrated focus on translational medicine
• Proven experience contributing to administration in a professional academic environment
• Excellent written and verbal communication skills with highly developed interpersonal skills
• Collegial and friendly manner with a demonstrated ability to interact with all levels of academic staff, clinical staff, patient, management, Faculty and external stakeholders
• Experience in writing, documentation and management of Human Research Ethics documents
• Extensive experience in clinical diagnostic test development and evaluation
• Experience with cell-free DNA methylation analysis
• Highly developed writing skills and a strong track record of publication in the cell-free DNA area
• Willingness to contribute to community outreach and philanthropic fundraising activities

It is not the intention of the position description to limit the scope or accountabilities of the position but to highlight the most important aspects of the position. The aspects mentioned above may be altered in accordance with the changing requirements of the role.