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POSITION DESCRIPTION

Post-doctoral Fellow

Position Level	A
Faculty/Division	Medicine & Health
Position Number	00097894
Original document creation	08/10/ 2020

Position Summary

A Post-Doctoral Fellow (Level A) is expected to contribute towards the research effort of UNSW and to develop their research expertise through the pursuit of defined projects relevant to their particular field of research.

The Post-Doctoral Research Fellow will be responsible for experimental studies in the field of quantitative regulation of gene expression, as well as advanced computational analysis of experimental data. They will be responsible for leading the research related activities of their project, identifying opportunities for collaboration and funding and assisting the broader team with other research related duties.

The role of Post-Doctoral Fellow reports to Single Molecule Science Group Leader and has no direct reports.

Accountabilities

Specific accountabilities for this role include:

- Contribute independently or as a team member in collaborative research with a focus to enhance the quality of research outcomes.
- Conduct experimental research to create scholarly output that is recognised by peers.
- Undertake specific research projects under the guidance of a research leader.
- Present research results at academic national and international conferences.

- Assist with the supervision of research students in the research area where required.
- Assist the research leader in developing proposals for national and international competitive research grant funding.
- Align with and actively demonstrate the [UNSW Values in Action: Our Behaviours](#) and the [UNSW Code of Conduct](#).
- 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.

Skills and Experience

- A PhD in molecular, cell or developmental biology – specifically in the fields of transcription, epigenetics, RNA biology or systems biology.
- Demonstrated expertise in molecular biology techniques.
- Demonstrated expertise in mammalian cell culture, especially genome editing and stem cells.
- Demonstrated expertise in advanced light microscopy and computational image analysis.
- Proven commitment to proactively keeping up to date with discipline knowledge and developments.
- Demonstrated ability to undertake high quality academic research and conduct independent research with limited supervision.
- Demonstrated track record of publications and conference presentations relative to opportunity.
- Demonstrated ability to work in a team, collaborate across disciplines and build effective relationships.
- Evidence of highly developed interpersonal skills.
- Demonstrated ability to communicate and interact with a diverse range of stakeholders and students.
- An understanding of and commitment to UNSW's aims, objectives and values in action, together with relevant policies and guidelines.
- Knowledge of health and safety responsibilities and commitment to attending relevant health and safety training.

Pre-employment checks required for this position

- Verification of qualifications

About this document

This Position Description outlines the objectives, desired outcomes, key responsibilities, accountabilities, required skills, experience and desired behaviours required to successfully perform the role.

This template is not intended to limit the scope or accountabilities of the position. Characteristics of the position may be altered in accordance with the changing requirements of the role.