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## POSITION DESCRIPTION

# Research Assistant

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Position Level	5
Faculty/Division	Medicine
Position Number	00088309
Original document creation	9/11/ 2020

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### Position Summary

The role of Research Assistant is an exciting opportunity to work closely with senior researchers and provide support across a number of ongoing projects in various areas of the research. The successful applicant will assist the Goyette group, experimentally support students and researchers in the group and support research directions aligned with the overall goals of the group and the single molecule science unit. The Research Assistant is responsible for providing research support in the areas of, but not limited to: preparing recombinant proteins in an E.coli expression system; culturing mammalian cells and imaging mammalian cells using single molecule localisation microscopy as well as routine lab maintenance tasks (including aliquoting, media and buffer preparations, ordering, stocking, inventory).

The role of Research Assistant reports to Jesse Goyette and has no direct reports.

### Accountabilities

Specific accountabilities for this role include:

- Provide research assistance in producing, purifying and quality controlling recombinant proteins
- Prepare and image mammalian cells samples using single molecule localisation microscopy techniques
- Assist in the execution of research plans in collaboration with the research team
- Collect and analyse appropriate research data to ensure key deliverables are met
- Assist the Group Leader in the preparation of data for research reports and publications to agreed standards and timelines
- Complete standard laboratory administrative functions primarily connected to area of research.

- 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**

- An honours degree in the life sciences with relevant experience or an equivalent level of knowledge gained through any combination of education, training and/or experience
- Demonstrated experience in fluorescence microscopy (single molecule localisation microscopy preferable)
- Demonstrated experience in mammalian cell culturing
- Experience in recombinant protein production in an E.coli expression system
- Demonstrated ability to be able to work with minimum direction, to show initiative and also able to work effectively as a member of a multidisciplinary team
- Excellent interpersonal, oral and written communication skills, including the ability to liaise with people from diverse backgrounds at all levels
- High level of computer literacy
- 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

### **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.