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POSITION DESCRIPTION

Postdoctoral Fellow

Position Level	A
Faculty/Division	Science
Position Number	00090341
Original document creation	09/02/2020

Position Summary

The position of Postdoctoral Fellow in Exciton Science is available in the ARC Centre of Excellence in Exciton Science (ACEs), in the School of Chemistry. The Postdoctoral Fellow will perform experiments pursuant to the goals of the Centre.

The role of Postdoctoral Fellow in Exciton Science reports to Professor Timothy Schmidt, and has no direct reports.

Accountabilities

Specific accountabilities for this role include:

- Undertake time-resolved and steady-state molecular spectroscopy experiments as directed.
- Fabricate novel optoelectronic devices utilizing molecular triplet states.
- Interpret and analyse experimental data.
- Present research at regular group meetings and conferences.
- Prepare manuscripts for publication.
- Day to day management of graduate and undergraduate student 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

- PhD (or soon to be awarded) in Exciton Science or related area.
- Demonstrated ability to 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.
- Strong interpersonal skills with demonstrated ability to communicate and interact with a diverse range of stakeholders and students.
- Experience in time-resolved and steady-state molecular spectroscopy, particularly involving the molecular triplet state.
- 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.