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## POSITION DESCRIPTION

# Research Associate

Position Level	A
Faculty/Division	Engineering
Position Number	00085781
Original document creation	14/06/ 2024

### Position Summary

The ARC Centre of Excellence for Carbon Science and Innovation (ARC COE-CSI) is a major 7-year initiative supported primarily by the Australian Research Council (ARC). The Centre is led by UNSW and partnering with a group of Australian universities and a suite of outstanding national and international Partner Organisations. The Centre's purpose is to revolutionise carbon science and innovation for renewable energy generation and clean chemical production by using carbon catalysts as alternatives to critical minerals.

COE-CSI is committed to creating a safe, supportive, positive, inclusive, and equitable working environment for all members. We value and respect the contributions of our diverse members. We welcome candidates from all backgrounds and encourage applications from people of diverse genders, sexual orientations, cultural and linguistic backgrounds, Aboriginal and Torres Strait Islander background, people with disability and those with caring and family responsibilities.

As part of our commitment to excellence in research and training, we are proud to provide ongoing professional development training to our centre staff.

**A Research Associate (Level A)** is expected to contribute towards the research effort of our centre and to develop their research expertise through the pursuit of defined projects relevant to their particular field of research.

The role of Research Associate reports to Professor Liming Dai 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 in the discipline area.
- Conduct research (as per the norms of the discipline) and/or enable research teams to create scholarly output that is recognised by peers.
- Undertake specific research project/s under the guidance of a research leader and contribute to development of research activities.
- Support the dissemination of research outcomes through appropriate channels and outlets.
- Undertake discipline-appropriate research activities, e.g. surveys, literature reviews, data gathering and/or recording of results using appropriate research methods.
- Participate in and/or present at conferences and/or workshops relevant to the project as required.
- Assist with the supervision of research students in the research area where required.
- 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 Chemistry or Materials Science and Engineering, and/or relevant work experience.
- 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.
- Evidence of highly developed interpersonal skills.
- 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.

