

Position Title	Research Fellow
Group/Portfolio	Griffith Sciences
Classification	Research Fellow Grade 1 (RF1)
Position Number	00062947
Reports To	Associate Professor Porun Liu
Employment Type	Fixed Term

1.0 Position Purpose

The Research Fellow position involves contributing to one of more areas of research within the School of Environment and Science.

The Research Fellow will work within the research group of Associate Professor Porun Liu.

2.0 Eligibility Requirements

- The occupant of this position will hold a PhD or equivalent qualifications/work experience in a relevant field.

3.0 Key Responsibilities

- Conduct research on the synthesis, characterization, and testing of porous electrode materials for alkaline electrolysis.
- Develop and optimize fabrication techniques for high-performance electrodes.
- Perform electrochemical measurements and analyse data to evaluate electrode performance.
- Collaborate with project team members, including students and other collaborators.
- Prepare research reports, manuscripts for publication, and presentations for conferences.
- Participate in project meetings and contribute to project planning and management.
- Mentor and supervise PhD students involved in the project.
- Support compliance with relevant legislation and University policies and procedures, including research ethics, equity and health & safety, laboratory standards and exhibit good practice in relation to same.
- Be a leading example of the principles and values embodied in the University's Code of Conduct, and behave, act and communicate at all times to reflect fairness, ethics and professionalism.

4.0 Key Capabilities

- Griffith University identifies the attributes of resilience, flexibility, creativity, digital literacy and entrepreneurship as critical to our graduates' success, in the rapidly changing future world of work. We have established a Griffith University Capability Development Framework to provide a common language of some of the non-technical organisation skills that will support our staff to thrive now and into the future. The Capability Development Framework will assist you to understand the current skill level of this position in the non-technical but critical skill domains that are increasingly important in a changing workplace context.

To read about some of the non-technical organisation skills for this position, please see the **Leads Self/Others** section of our [Capability Development Framework](#).