Position Title	Research Fellow
Group/Portfolio	Griffith Sciences, School of Information and Communication Technology
Classification	Research Fellow Grade 1
Position Number	00063738
Reports To	Professor Jun Zhou
Employment Type	Fixed Term

1.0 Position Purpose

The Research Fellow position involves contributing to the ARC Discovery Project "Spectral-spatial-temporal object tracking in hyperspectral videos"

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

- Develop novel hyperspectral video processing and analysis methods, including spectral-spatial-temporal machine learning models.

- Conduct laboratory/fieldwork research to collect hyperspectral video data and build datasets.

- Apply the developed methods to a variety of agricultural, environmental, and health applications.

- Develop a sound publication record in high-impact, international, esteemed peer-reviewed journals and seek competitive funding.

- Contribute to the School of ICT's research projects as appropriate to research skills.

- Contribute to the School of ICT's teaching activities as required.

- Manage the preparation and formulation of publications, presentations and research reports arising from the research.

- Assist in mentoring and supervision of higher degree research candidates.

- Supervise Research Assistants and technical staff.

- 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.