

POSITION DESCRIPTION

Ophthalmic Image Analyst

POSITION NUMBER	New
RESEARCH UNIT	Macular Research Unit (MRU)
CLASSIFICATION	Professional (Image Analyst)
EMPLOYMENT TYPE	Full-time (1.0 FTE) Annual contract with scope for renewal (pending external funding)
REPORTS TO	Ms Lauren Hodgson (Manager - MRU Imaging Centre)
BASE SALARY	Professional Level 4 – \$69,094 to 73,330 per annum pro rata
SUPERANNUATION	Employer contribution of 10.5%
OTHER BENEFITS	Salary packaging available (making part of your salary tax-free and increasing take-home pay) For more information visit www.smartsalary.com.au
HOW TO APPLY	Visit www.cera.org.au and apply via our <i>Study and Careers</i> page
CONTACT FOR ENQUIRIES ONLY	CERA Human Resources t: (03) 9929 8201 e: hr@cera.org.au

Please DO NOT send your application to this email address

The Centre for Eye Research Australia is an equal opportunity employer and is committed to promoting a diverse and inclusive workforce. We encourage people from diverse backgrounds to apply for positions within our organisation.

For further information about us visit www.cera.org.au

Position Summary:

This position is an exciting opportunity to join the Macular Research Unit (MRU) led by Professor Robyn Guymer in a research program to tackle age-related macular degeneration (AMD) – one of the leading causes of irreversible vision loss in Australia and worldwide.

This research program aims to develop new imaging and functional assessment techniques that will transform our ability to detect AMD to better understand this condition and predict its progression. These techniques are being developed for application in clinical trials to expedite the discovery of new AMD therapies.

The incumbent will work as an Ophthalmic Image Analyst to assist with non-interventional clinical research studies, of people with AMD or health control subjects, using new imaging and functional assessment methods. The role primarily involves preparation of retinal images, the grading (analysis) of these images to identify signs of disease and risk factors for progression, and data cleaning. There will be scope for taking on extra tasks and work as deemed appropriate to the level of skills acquired.

The incumbent is managed by the manager of the MRU Imaging Centre, Ms Lauren Hodgson, who will oversee day to day activities and the scope of work will be planned and prioritized by the team of researchers which includes Professor Robyn Guymer and A/Professor Zhichao Wu.

As full training is provided, previous experience in this area is not required. To be successful in this role, the applicant will need to be a strong team player with an inquiring mind and excellent attention to detail.

Please note that this is not a laboratory-based role.

Key Responsibilities

Working alongside the research team and Senior Investigators under supervision from the Imaging Centre Manager, the Ophthalmic Image Analyst will:

1. Curate high-quality research datasets including tasks such as (but not limited to): exporting images from devices; image quality review; and co-registration and montaging of images.
2. Following protocols, evaluate and grade digital retinal images to identify ophthalmic features and pathologies, such as those showing evidence of disease, its severity, and risk factors for disease progression. This data may be used to assist in development of artificial intelligence algorithms for novel data analyses.
3. Accurately entering grading data into various electronic databases.
4. Preparation of grading reports and assistance with reporting a study's progress and outcomes to the relevant stakeholders (e.g., research ethics office or funders).
5. Provide feedback on image quality to coordinators, and contribute to improvement efforts in the Imaging Centre and help develop grading forms and grading work instructions
6. Contributing to the functioning and development of MRU and CERA including assisting with other unit projects and attendance at Department and Unit meetings and associated administrative tasks.
7. Other duties as directed by the Manager of the Imaging Centre or the senior investigators of MRU.

Selection Criteria

ESSENTIAL

1. Tertiary level qualification in a related discipline and/or equivalent experience in a research or clinical environment (particularly experience in health science or a visual arts areas).
2. High level of attention-to-detail and ability to adhere to documented protocols to ensure accuracy of clinical research data.
3. Ability to work at similar tasks over extended periods of time.
4. Evidence for capacity of working independently, problem solving, and administration (including management of competing priorities).
5. Capacity to learn new techniques, procedures, and computer programs efficiently and effectively.
6. Proficiency with electronic and computer interfaces (including basic software packages such as Microsoft Word and Excel) and ability to learn the use of new, specialised software products.
7. Excellent interpersonal skills (including both verbal and written communication skills) within a team environment.

DESIRABLE

1. Experience and knowledge about eye diseases.
2. Interest in gaining exposure to a clinical research environment.
3. Experience with data entry procedures and computer database programs.

Job Complexity, Skills, and Knowledge

Level of supervision/independence

Reporting to the MRU Imaging Centre manager, this role requires the initiative and ability to work autonomously, with some supervision as necessary.

Problem solving and judgement

The incumbent must be able to prioritise work in a busy environment. In addition, they must be able to coordinate and work with a range of people to ensure tasks are completed on time and to a high standard of excellence.

Professional and organisational knowledge

The incumbent needs to become familiar with internal operational policies and standard operating procedures of CERA and the University of Melbourne. The appointed person will be required to obtain a comprehensive understanding of Good Clinical Practice, clinical research guidelines and specific project protocols (training provided). The incumbent must also be able to foster relationships with key individuals and organisational stakeholders both internally and externally.

Special requirements and other information

1. CERA is committed to providing a workplace that is healthy and safe for staff, students, patients, visitors, contractors, and the community. You are required to be fully vaccinated against COVID-19 (SARS-CoV-2), including with a booster dose, unless CERA grants you an exemption.
2. To be eligible for this position you must be an Australian or New Zealand citizen, permanent resident or hold a valid work permit or visa.
3. You will be required to consent to a police check. Please note that people with criminal records are not automatically prevented from applying for the position and each application will be considered on its merits.
4. Occasional availability outside normal working hours for events, meetings and networking functions will be required.
5. You may be required to independently travel to various office locations or other external locations to fulfill requirements of the position.
6. This position will have no direct reports.

About us

The Centre for Eye Research Australia (CERA) is an international leader among ophthalmology research institutes. We conduct research with real-life impact looking at the causes of eye disease, preventing blindness through earlier diagnosis and better treatments, and restoring sight.

CERA has multidisciplinary research programs that cover the full spectrum from laboratory-based basic science and stem cell research through to genetics, translational and clinical research, as well as health and population-based research.

We are an independent medical research institute closely affiliated with the University of Melbourne and co-located, at the Royal Victorian Eye and Ear Hospital. The strength of this three-way relationship is key to the successful translation of research from the bench to the bedside.

CERA has two main locations in Melbourne, one at the Royal Victorian Eye and Ear Hospital and the other at our clinical research facilities at the Eye and Ear on the Park hospital in East Melbourne. We have around 185 staff and students working across our two sites.

Our vision and values

We strive to remain a world-leading eye research institute, renowned for the discovery of the causes of eye diseases and our work in improving diagnosis, prevention, treatment and rehabilitation of eye diseases, vision loss and blindness through our research, clinical work and teaching.

This vision is supported by our values of:

- **Integrity** – We are accountable and honest in the work we do. Credible, ethical and responsible research is our priority.
- **Unity** – We support and respect each other, celebrate our diversity and we pitch in when it is needed. In our work, keeping each other safe is always top of mind.
- **Agility** – We research with ambition, tenacity, innovation and creativity. We are nimble and responsive in our pursuit of excellence.

- **Making a difference** – We value collaborating and sharing our knowledge with each other and our community to make a real difference in the world. We never waiver from our goal of saving sight and changing people’s lives for the better.

Occupational Health and Safety (OHS) and Environmental Health and Safety (EHS) responsibilities

CERA is committed to providing a workplace that is healthy and safe for staff, students, patients, visitors, contractors and the community. We aim to develop and maintain a culture that encourages all staff to actively manage health and safety risks and to consider the environment.

Our staff have a duty to take reasonable care for their own health and safety and the health and safety of other people who may be affected by their conduct in the workplace.