

Role Description			
Position Title:	Research Assistant (RA-D)	Group:	Shepherd
Reports to:	Dr Claire Shepherd	Positions reporting to this role:	None
Research Theme:	Neurodegeneration	Project title:	Neurobiological implications from plastics exposure

Position Overview

Research Assistants are academically qualified at the level of Bachelor's with honours or equivalent. The successful candidate will work under the supervision of senior research academics, responsible for independently performing experiments aimed at determining the presence and impact of plastic particles, including chemicals, on brain health, with the research focussed toward neurodegenerative associations.

Neuroscience Research Australia (NeuRA)

Neuroscience Research Australia (NeuRA) is a leading independent medical research institute whose vision is to prevent and cure disease and disability of the brain and nervous system through leadership, excellence and innovation in neuroscience research. NeuRA has world-class research facilities and is based at Randwick in Sydney.

NeuRA's Objectives

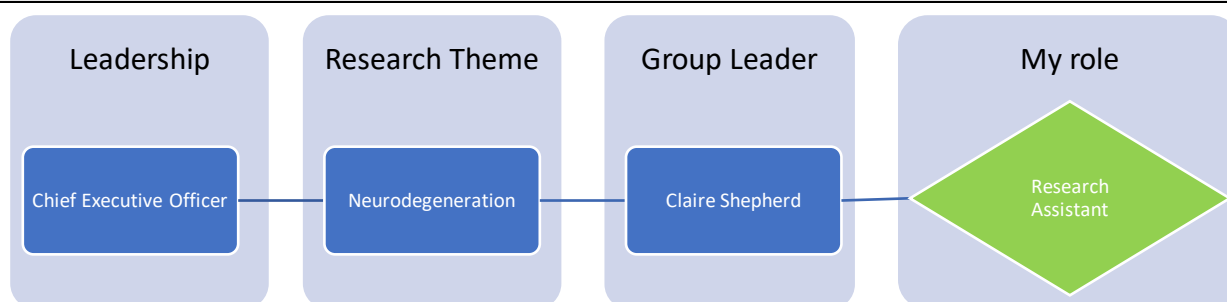
Our vision is to prevent and cure disease and disability of the brain and nervous system through leadership, excellence and innovation in neuroscience research.

NeuRA's Values

Our values are the essence of our organisation – they are the principles that we live by and are at the core of everything we do. NeuRA's values are:

Excellence, Integrity, Inclusion, Openness, Impact.

Organisational Structure



Key Responsibilities

Contributions to research

- contribute to research, e.g. through conduct of research-related procedures, development of research-related resources, or design or operation of laboratory and technical equipment
- provide quality research output, e.g. as a co-author of peer-reviewed scientific papers
- participate in professional activities, e.g. attendance and participation in conferences and seminars in his/her field of expertise

Other contributions to the research team and to NeuRA

- contribute to the functioning of a cooperative, efficient and harmonious research team
- provide support to other members of the research team

- supervision of other members of the research team
- contribute to NeuRA outside of the research team
- exemplify NeuRA's values in all your interactions with fellow researchers, operations and foundation staff as well as NeuRA contractors and collaborators

Role Specific Responsibilities

- Responsible for the execution and analysis of biomedical or analytical assays, designed around the impact of plastic toxins on brain health
- Maintain laboratory records and fully comply with safety and research ethics requirements
- Support other staff and students within the team working in this area, as required
- Work collaboratively with colleagues to achieve cross-disciplinary relationships to accomplish scientific results
- Assist with manuscript preparation

Core Requirements and Experience

- A bachelor's degree with honours or higher in biomedical science, or an equivalent qualification in a related discipline
- Demonstrated laboratory experience (minimum 2 years), with a strong motivation to learn and apply new techniques
- The ability to work independently, with minimal supervision
- Proven ability to maintain accurate laboratory records and project documentation, manage consumables and inventory, as well as perform ad hoc tasks to support senior research staff.
- Proficiency in Microsoft Office and analysis software (e.g., GraphPad Prism)
- Evidence of excellent written and oral communication skills, with the ability to collaborate within a multidisciplinary environment
- Knowledge of nucleation assays, immunoassays and microscopy (e.g., brightfield, confocal, SEM) will be highly regarded.

Desirable experience:

- Understanding of neuroanatomy and neuropathology
- Experience handling or processing human tissue

Performance Reviews

All full and part time paid staff will undergo a Performance Review with their supervisor to ensure they are being supported in their role. This Position Description may be used to inform the Performance Review.

Workplace Health and Safety Responsibilities

Familiarisation and Compliance with NeuRA general Policies and all NeuRA Work Health and Safety Policies

Responsibilities of all workers:

- Be familiar with and ensure compliance with the *WHS Act 2011* and Regulation 2017
- Co-operate with WHS policies and procedures to ensure your own health and safety and that of others within the workplace
- Attend and complete all training sessions as required
- Do not interfere or misuse equipment provided for the health, safety and welfare of persons at work

Additional responsibilities for managers and supervisors:

- Managers and supervisors, have a duty of care for the health, safety and welfare of all persons in the workplace

- Managers and supervisors must adopt a risk management approach to managing health and safety. This includes undertaking necessary risk assessments
- Attend all required training sessions

Diversity

NeuRA is an Equal Employment Opportunity Employer. We are committed to promoting equality of opportunity and eliminating discrimination in all our employment policies and practices.

NeuRA acknowledges the traditional custodians of the lands on which we work, and extends respect to all Elders past, present, and emerging.

Right to Work

You must have the right to live and work in Australia for the duration of your appointment at NeuRA.

Privacy Notification

The collection and handling of declarations and personal information relevant to your employment or appointment will be consistent with the requirements of the *Privacy Act 1988*.

Changes

Changes to this role description may be made from time to time to suit the requirements of the organisation.

Acceptance

I have read and understood the requirements of the role and expectations outlined in this Role Description

Name:

Signed:

Date: