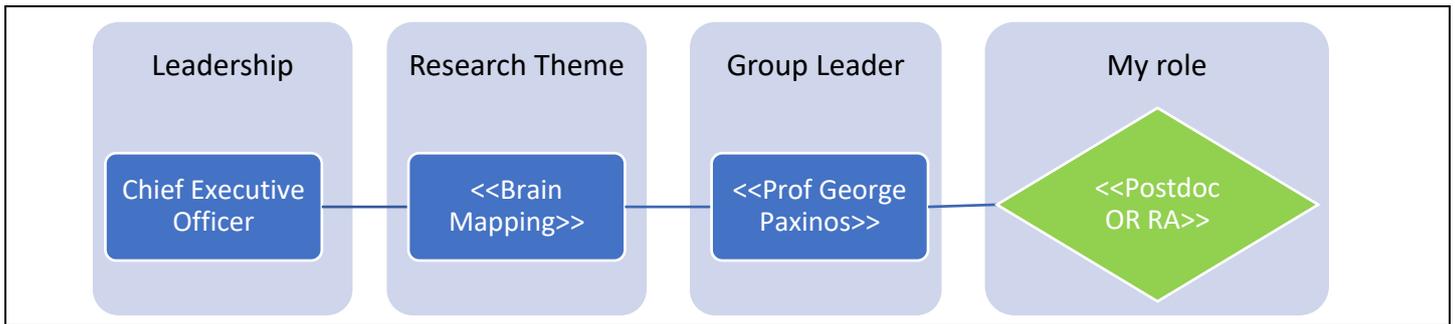


Role Description			
<b>Position Title:</b>	Postdoctoral Fellow OR Research Assistant	<b>Group:</b>	Paxinos
<b>Reports to:</b>	Dr M. Steve Kassem	<b>Positions reporting to this role:</b>	N/A
<b>Research Theme:</b>	Brain Mapping	<b>Project title:</b>	Varied
Position Overview			
<p>NeuRA Postdoctoral Fellows are academically qualified at the level of PhD or MD (or equivalent).</p> <p>The Paxinos Brain Mapping Laboratory is looking for a Postdoctoral Fellow and/or Senior Research Assistant to work on brain morphology and connectivity and the construction of atlases. Specifically, we are needing someone with skills in histology and/or structural and diffusion weighted MRI and tractography, but most importantly an enthusiasm for neuroanatomy. The lab is currently developing a living human brain atlas in MRI modalities (<a href="http://www.hba.neura.edu.au">www.hba.neura.edu.au</a>), it needs attention in development of MRI contrasts, tractography, and methods to advantage the delineation of neuroanatomy. This project is at the junction of histology and MRI, and suitable applicants can come from either field.</p> <p>We seek applicants that can contribute critical skills to the project, for example diffusion weighted imaging and tractography skills, cutting edge MRI anatomy visualisation techniques, neuronal morphology, glia, function, and comparative anatomy will be helpful. We seek an applicant that is enthusiastic about pushing the boundaries of in vivo brain anatomy and passion to develop their own research passion fitting into the project.</p>			
Neuroscience Research Australia (NeuRA)			
<p>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.</p>			
NeuRA's Objectives			
<p>"Our vision is to prevent and cure disease and disability of the brain and nervous system through leadership, excellence and innovation in neuroscience research."</p> <p>NeuRA is committed to improving research quality. Our goals are to:</p> <ul style="list-style-type: none"> <li>• Raise awareness</li> <li>• Educate, Train &amp; Foster</li> <li>• Promote Openness</li> <li>• Adopt Improvement</li> </ul>			
NeuRA's Values			
<p>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:</p> <p><b>Impact. Collaboration. Respect. Excellence. Integrity. Innovation.</b></p>			
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
- manage research projects, perform data analysis and draft manuscripts for publication.

#### 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
- demonstrate significant responsibility for laboratory management along with day-to-day supervision of staff and students.
- exemplify NeuRA's values in all your interactions with fellow researchers, operations and foundation staff as well as NeuRA contractors and collaborators
- Other duties commensurate with the role, as reasonably required

### Role Specific Responsibilities

#### Responsibilities for the role include:

- Management of MRI datasets, their processing and refinement.
- MRI scanning.
- Management of our web page
- Sectioning of brain tissue using cryostat or vibratomes
- Histology of brain tissue

### Core Requirements and Experience

- Academically qualified at the level of PhD or MD (or equivalent)
- Excellent written and oral communication skills
- Excellent organisational skills and detail oriented
- Team player
- Demonstrable interest in Research Theme
- SEE POSITION DESCRIPTION

### Performance Reviews

All full and part time paid staff will undergo a Performance Review with their supervisor annually to ensure they are being supported to exceed in their role. This Position Description will 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:

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